

Bioland Product Catalog

Zhejiang Bioland Biotechnology Co., LTD

Bioland Committed to providing laboratory consumables, biological reagents and instrument equipment for biotechnology workers and testing personnel in the processes of research and development, testing, amplification and production.

As a leading manufacturer and exporter of laboratory plastic products in China, Bioland has been committed to producing high-quality products that meet standards in the life sciences sector since its establishment in 2020. Bioland is a supplier/manufacturer of products that fully meet the requirements of international regulations and has a group of young and enthusiastic technical experts who have been dedicated to research and development, quality maintenance.

Bioland Biotechnology draws on the founding team's more than 20 years of experience in the life sciences industry to understand the application requirements of its customers and do its best to meet their needs for the latest life sciences technologies. Through aggressive R&D investments, we are committed to providing innovative solutions in a wide range of fields.

Sterility

The sterility of Bioland products is fully validated and qualified to be in compliance with ISO 11137-1 regulatory requirements that includes the routine control of sterilization process. Randomized selection, examination and monitoring ensures the overall process and products, sterile are within the predetermined limits with an SAL (Sterility Assurance Level) of 10^{-6} .

Non-cytotoxic

The cytotoxicity of Bioland products is routinely tested according to the principles of the MEM Elution, described by the ISO guidelines.

Non-pyrogenic Endotoxin level of Bioland products are tested according to the principles of the LAL (Limulus Amoebocyte Lysate) test, described in the FDA guidelines for medical products, and certified to be non-pyrogenic with a documented endotoxin level of less than 0.05 EU/ml.

DNase/RNase-free

Bioland products are routinely tested according to the Standard Operating Procedure of Bioland Life Sciences and certified to be less than 1×10^4 Kunitz units for DNase, 1×10^4 Kunitz units for RNase.

Human DNA-free

The human DNA of Bioland products are routinely tested according to the Standard Operating Procedure of Bioland, and certified to be less than 2 pg for human DNA.

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ABOUT BIOLAND

Bioland Biotechnology is an excellent partner in global pharmaceutical, biotechnology, and pharmaceutical research and development, Bioconsumables used in biotechnology research and production, helping customers develop and launch innovative biological drugs to serve human health. To achieve this mission, we combine advanced production and manufacturing, scientific and professional technology, excellent production processes, and technological insights. To meet the application needs of more customers, Bioland has developed and improved its life consumables product line.

Bioland is located at the bank of the Taihu Lake- Changxing National Economic Development Zone, Zhejiang Province. The company has obtained the certification of "National High tech Enterprise" and the certification of ISO9001-2015 and ISO13485-2016. Bioland products can be used in GMP workshops, and have been automated in 10000/100000 level dust-free workshops. The quality standards are in line with world famous brands.

Bioland's main products include: cell culture; IVD/PCR testing consumables; Molecular detection Micropipette series ; Diagnostic reagents packaging supplies; Centrifugal filtration products; Nucleic acid extraction series products; Microbial testing; Featured customized products: Widely used in hospitals, universities, research institutes, biopharmaceuticals, vaccines, antigens, medical aesthetics, stem cells, CDMO, CXO, microbiological analysis and other applied biological research and development production fields.

Coming From China, Marketing To The World.

CERTIFICATE OF HONOR



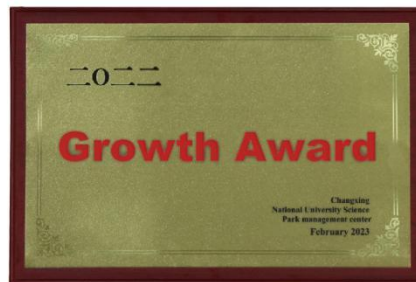
ISO 9001 : 2015



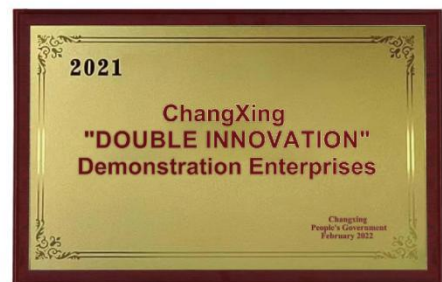
ISO 13485 : 2016



High-tech Enterprise
Certificate



Growth Award



"Double Innovation"
Demonstration Enterprise

Coming From China,
Marketing To The World.

BIOLAND

PCR Consumables



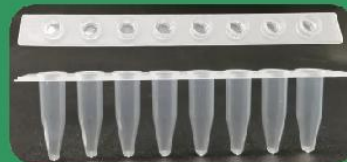
Applications: gene expression, mutation, medicine, forensic science and applied science, gene detection, methylation analysis, cloning, sequencing

Wide range of applications
Traditional link design



Cover connection design
Can effectively prevent cross-contamination
and ensure the safety of the experiment

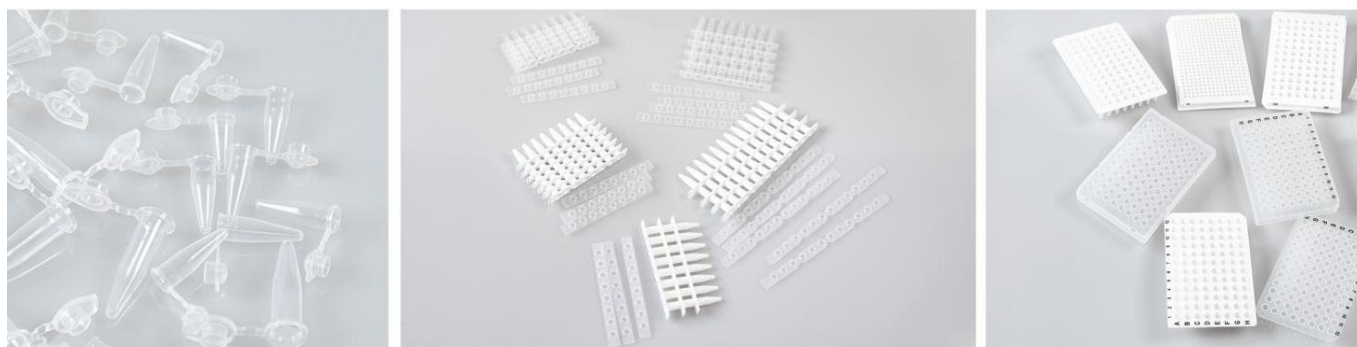
EW format design,
high overall flatness,
more convenient to open
and close



Bioland™ PCR Consumables

Bioland™ PCR consumables are made of 100% virgin polypropylene.

The thin-wall designed for effective thermal conductivity and ensures efficient PCR reaction. The tight sealing between the tube and cap ensure minimal evaporation and prevents sample leakages. High side holes ensure consistent sealing. Convenient positioning of each hole. The Pcr cap is provided in 2 different forms : flat and dome, Flat type is useful when labeling is required ,while dome type prevents the reaction solution from binding to the cap surface, Provided single pcr tube with a cap attached, and strip tubes, composed of 8 bodies and 8 caps connected horizontally. RNase/DNase-free、Human DNA-free、Non-pyrogenic、Non-cytotoxic.



Bioland™ PCR tube

Order number	Description	Package
PCR001-F	PCR Single Tube; 0.1ml; Flat; Clear	1000EA/Pk; 10Pk/Cs
PCR001-FF	PCR Single Tube; 0.1ml; Flat; Matte	1000EA/Pk; 10Pk/Cs
PCR001-C	PCR Single Tube; 0.1ml; Dome; Clear	1000EA/Pk; 10Pk/Cs
PCR002-F	PCR Single Tube; 0.2ml; Flat; Clear	1000EA/Pk; 10Pk/Cs
PCR002-C	PCR Single Tube; 0.2ml; Dome; Clear	1000EA/Pk; 10Pk/Cs
PCR005-F	PCR Single Tube; 0.5ml; Flat; Clear	1000EA/Pk; 10Pk/Cs

Bioland™ PCR 8-Strips Tube

Order number	Description	Package
PCR001-8F	Pcr 8 strips tube; 0.1ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR001-8C	Pcr 8 strips tube; 0.1ml; Dome; Clear	125strip/Pk; 10Pk/Cs
PCR001-8FD	Pcr 8 strips tube; 0.1 ml; Connecting cap; Matte	125strip/Pk; 10Pk/Cs
PCR001-8FW	Pcr 8 strips tube; 0.1ml; Flat; White	125strip/Pk; 10Pk/Cs
PCR002-8F	Pcr 8 strips tube; 0.2ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR002-8C	Pcr 8 strips tube; 0.2ml; Dome; Clear	125strip/Pk; 10Pk/Cs
PCR002-8FD	Pcr 8 strips tube; 0.2ml; Connecting cap; Clear	125strip/Pk; 10Pk/Cs
PCR002-8FW	Pcr 8 strips tube; 0.2ml; Flat; White	125strip/Pk; 10Pk/Cs
PCR002-08-96	Pcr 8 strips tube; Detachable; 0.2ml; Flat; Clear	125strip/Pk; 10Pk/Cs

Bioland™ 96/384-well PCR Plate

Order number	Description	Package
PCR001-96	96-well, 0.1ml; No skirt; Clear	15/PK; 150/Cs
PCR001-96W	96-well, 0.1ml; No skirt; White	15/PK; 150/Cs
PCR001-96S	96-well, 0.1ml; Half skirt; Clear	15/PK; 150/Cs
PCR001-96SW	96-well, 0.1ml; Half skirt; White	15/PK; 150/Cs
PCR002-96	96-well, 0.2ml; No skirt; Clear	10/PK; 100/Cs
PCR002-96W	96-well, 0.2ml; No skirt; White	10/PK; 100/Cs
PCR002-96S	96-well, 0.2ml; Half skirt; Clear	10/PK; 100/Cs

PCR002-96SW	96-well, 0.2ml; Half skirt; White	10/PK; 100/Cs
PCR001-96C	96-well, 0.1ml; Clear; Full skirt	15/PK; 150/Cs
PCR001-96CW	96-well, 0.1ml; White; Full skirt	15/PK; 150/Cs
PCR001-96P	96-well, 0.1ml; Clear; Full skirt, enhancement	15/PK; 150/Cs
PCR001-96PW	96-well, 0.1ml; White; Full skirt enhancement	15/PK; 150/Cs
PCR001-384S	384 well plate; 25ul; With skirt; scrub	15/PK; 150/Cs
PCR001-384P	384-well 25ul ; full skirted ; enhanced ; transparent	10/Box ; 50/Cs
PCR001-384PTW	384-well 25ul ; full skirted ; enhanced ; transparent frame&white well	10/Box; 50/Cs
PCR001-384PW	384-well;25ul ; full skirt ; enhanced ;white l	10/Box ; 50/Cs
PCR001-384PWT	384-well;25ul ; full skirted ; enhanced ; white frame&transparent well	10/Box ; 50/Cs
PCR001-384PB	384-well;25ul ; full skirted ; enhanced ; black	10/Box ; 50/Cs
PCR001-384PBW	384-well;25ul; full skirt ; enhanced ;Black frame&white well	10/Box ; 50/Cs

Bioland™ QPCR 96-well plate

Suitable for ABI QPCR models

310 Genetic Analyzer,3130xl Genetic Analyzer,3500xl Dx Genetic Analyzer,3730xl DNA Analyzer,7500 Fast System,7900HT Fast System,StepOnePlus™,Veriti Dx Fast Thermal Cycler,Veriti Fast Thermal Cycler,3730 DNA Analyzer,3130 Genetic Analyzer,3500 Dx Genetic Analyzer,7500 Fast Dx System,ViiA™ 7Dx Fast System, ViiA™ 7 Fast System, 3500 Genetic Analyzer, 3500xl Genetic Analyzer



Order number	Description	Package
QPCR001-96S	0.1ml; Half skirt; Frosted, suitable for QPCR	15 pieces/box; 10Pk/Cs
QPCR001-96SW	0.1ml; Half skirt; White, suitable for QPCR	15 pieces/box; 10Pk/Cs
QPCR002-96S	0.2ml; Half skirt; Clear, suitable for QPCR	10 pieces/box; 10Pk/Cs
QPCR002-96SW	0.2ml; Half skirt; White, suitable for QPCR	10 pieces/box; 10Pk/Cs

Bioland™ New EW PCR 8- Strips tubes

the latest launch EW designed PCR 8-tube strip,

Easier opening and closing

Easy to open

No liquid splashing

Ensures experimental safety effectively

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic



Order number	Description	Package
PCR001N-8F	0.1ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR001N-8FW	0.1ml; Flat; White	125strip/Pk; 10Pk/Cs
PCR002N-8F	0.2ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR002N-8FW	0.2ml; Flat; White	125strip/Pk; 10Pk/Cs

Bioland™ New EW PCR 12-Strips tubes

the latest launch EW designed PCR 12-tubes strip,

Easier opening and closing

Easy to open

No liquid splashing

Ensures experimental safety effectively

RNase/DNase-free

Human DNA-free

Non-pyrogenic

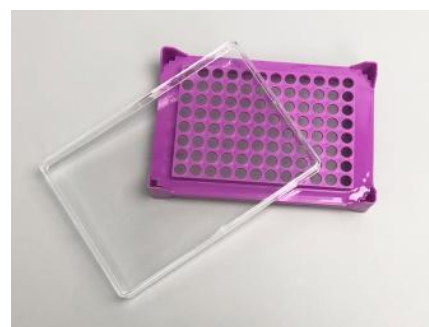
Non-cytotoxic



Order number	Description	Package
PCR001N-12F	0.1ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR001N-12FW	0.1ml; Flat; White	125strip/Pk; 10Pk/Cs
PCR002N-12F	0.2ml; Flat; Clear	125strip/Pk; 10Pk/Cs
PCR002N-12FW	0.2ml; Flat; White	125strip/Pk; 10Pk/Cs

Bioland™ PCR 8-StripsTube Rack

Suitable for most PCR 8-Strip tubes



Order NO.	Description	Package
CF08-96	8-StripsTube Rack; 96well	100Pcs/Cs

Bioland™ PCR Self-adhesive Sealing Plate Film

Clear Adhesive Film creates a secure seal across the entire microplate to prevent evaporation and well-to-well contamination.

Adhesive provides tight seal over wells to prevent leaks and evaporation.

Easy to apply and remove.

The high resolution allows for optical analysis during the real-time PCR process

Temperature range: -70~100°C



For general analysis, genomics, storage and bioanalysis, high-throughput screening, and drug discovery applications

Order NO.	Description	Package
CPM04-65A	Sealing film; lengthx Width: 136x80mm; thickness: 65um	100/PK
CPM04-65B	Pressure sensitive film ; lengthx Width : 143x79mm ; thickness: 65um	100/PK
CPM04-65C	Pressure sensitive film ; lengthx Width : 143x79mm ; thickness: 65um sterile	100/PK

8 strips Freeze drying tube

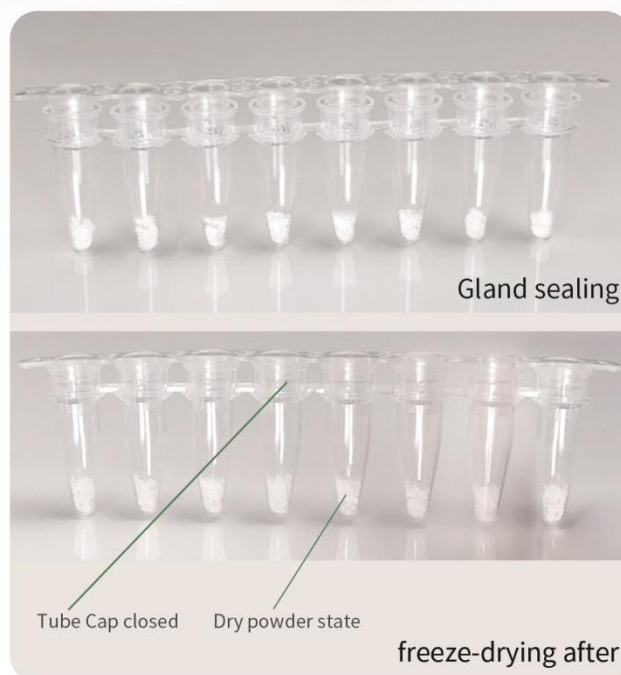
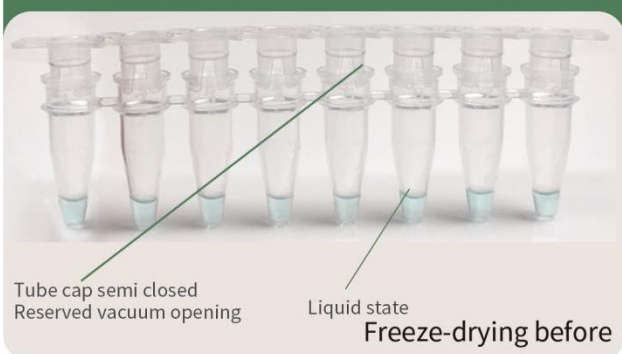


— Bioland

Product Description

The PCR freeze-drying tube developed by Bioland can be used for the cryopreservation of reagents. Solved the problem of transmission. The harsh conditions required for storage of liquid reagents. Customers can freeze dry the reagents and pre-buried in the PCR 8 pipeline. More convenient to use, ready to use when opened.

Can be used for freeze-drying of liquid reagents
Simultaneously capable of meeting PCR reactions and compatible with multiple fluorescence quantitative PCR instruments
The thin-walled design endows the tube with good heat transfer performance, ensuring efficient PCR reaction
Top with optical window, suitable for fluorescence quantitative PCR applications
RNase/DNase-free, Human DNA-free, Non-pyrogenic, Non-cytotoxic.



Order NO.	Description	Package
FD002-8	8-strips Freeze drying tube , PP , 0.2ml; with cap	100 stes/Pk;10pk/Cs
FD002-8P	8-strips Freeze drying tube , PP , 0.2ml; without cap	100 strips/PK;10Pk/Cs
FD002-8C	8-strips Freeze drying tube caps , PP , 0.2ml; with body	100 strips/PK;10Pk/Cs

Bioland™ Reagent Reservoirs

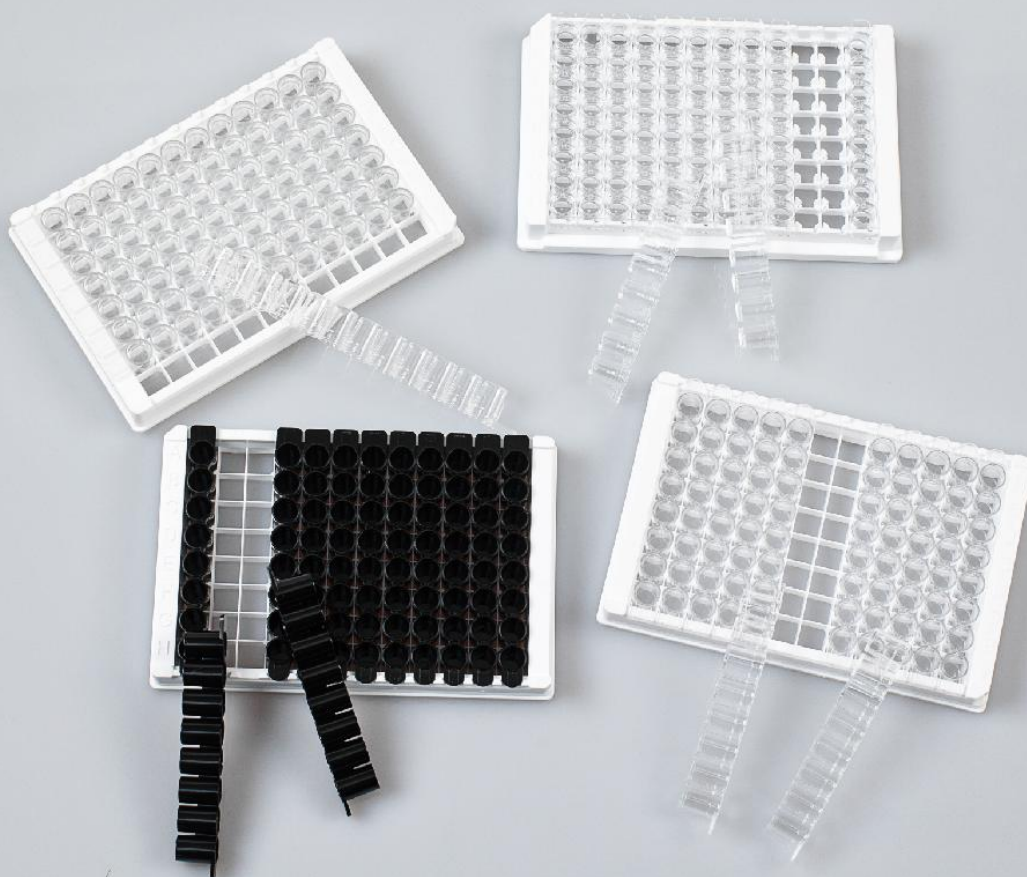
Compatibility: Optimized for 8- and 12-channel manual pipettes, as well as 8-, 12-, 96-, and 384-channel automated liquid handling stations.

Key Features: Ultra-low liquid retention, formulation for low metal content, and autoclavable.



Order No.	description	package
SLG08-12	8-Channel Reservoir, 12mL/Channel	10/PK;100/Cs
SLG08-12-S	8-Channel Reservoir, 12mL/Channel, Sterile	10/PK;100/Cs
SLG08-20	8-Channel Reservoir, 20mL/Channel	5/PK;50/Cs
SLG08-20-S	8-Channel Reservoir, 20mL/Channel, Sterile	5/PK;50/Cs
SLG08-30	8-Channel Reservoir, 30mL/Channel	5/PK;50/Cs
SLG08-30-S	8-Channel Reservoir, 30mL/Channel, Sterile	5/PK;50/Cs
SLG12-8	12-Channel Reservoir, 8mL/Channel	10/PK;100/Cs
SLG12-8-S	12-Channel Reservoir, 8mL/Channel, Sterile	10/PK;100/Cs
SLG12-14	12-Channel Reservoir, 14mL/Channel	5/PK;50/Cs
SLG12-14-S	12-Channel Reservoir, 14mL/Channel, Sterile	5/PK;50/Cs
SLG12-22	12-Channel Reservoir, 22mL/Channel	5/PK;50/Cs
SLG12-22-S	12-Channel Reservoir, 22mL/Channel, Sterile	5/PK;50/Cs
SLG16-5	16-Channel Reservoir, 5mL/Channel	10/PK;100/Cs
SLG16-5-S	16-Channel Reservoir, 5mL/Channel, Sterile	10/PK;100/Cs
SLG24-3	24-Channel Reservoir, 3mL/Channel	10/PK;100/Cs
SLG24-3-S	24-Channel Reservoir, 3mL/Channel, Sterile	10/PK;100/Cs
SLG96-100	96-Well Reservoir, 100mL	10/PK;100/Cs
SLG96-100-S	96-Well Reservoir, 100mL, Sterile	10/PK;100/Cs
SLG96-195	96-Well Reservoir, 195mL	5/PK;50/Cs
SLG96-195-S	96-Well Reservoir, 195mL, Sterile	5/PK;50/Cs
SLG96-290	96-Well Reservoir, 290mL	5/PK;50/Cs
SLG96-290-S	96-Well Reservoir, 290mL, Sterile	5/PK;50/Cs
SLG384-100	384-Well Reservoir, 100mL	10/PK;100/Cs
SLG384-100-S	384-Well Reservoir, 100mL, Sterile	10/PK;100/Cs
SLG384-185	384-Well Reservoir, 185mL	5/PK;50/Cs
SLG384-185-S	384-Well Reservoir, 185mL, Sterile	5/PK;50/Cs
SLG384-290	384-Well Reservoir, 290mL	5/PK;50/Cs
SLG384-290-S	384-Well Reservoir, 290mL, Sterile	5/PK;50/Cs

Elisa Plate Series



The enzyme label plate is a plate used for enzyme-linked immunosorbent assay (Elisa) on the enzyme label instrument. In enzyme-linked immunosorbent assay (Elisa) , antigens, antibodies and other biological molecules are adsorbed to the surface of the plate through various mechanisms, and then react with the sample and the antigen or antibody in different steps, the enzyme marker is used for detection

Bioland™ Elisa plate/ Clear Flat-Bottom Immuno 96-Well Plates

Elisa Microplate Selection Guide

Clear Microplates: Ideal for quantitative and qualitative solid-phase immunoassays and binding assays.

Black Microplates: Optimized for fluorescence immunoassays and binding assays.

White Microplates: Designed for luminescence applications, including glow-type chemiluminescence.

All types are compatible with most standard microplate readers.

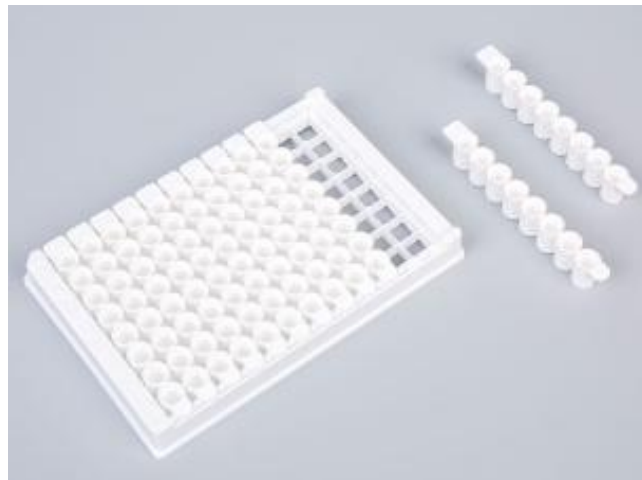
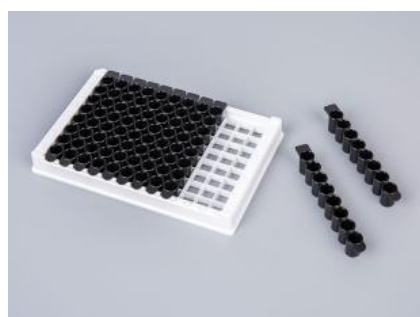
Protein Binding Capacity:

Our microplates are available with three distinct surface binding capacities to minimize non-specific binding and maximize assay performance:

Low Binding: Preferred for molecules with significant hydrophobic domains (e.g., lipids, lipoproteins, large proteins).

Medium Binding: For biomolecules with mixed hydrophilic/hydrophobic characteristics (e.g., mid-to-large sized proteins, immunoglobulins, albumin).

High Binding: Optimized for the efficient adsorption of a broad range of biomolecules, from small to large proteins (e.g., immunoglobulins, albumin, LPS, peptides).



Bioland™ Immunoplate Plate type(96well plate)

Order number	Description	Package
PT06-96I	Clear; Medium binding force; F-bottom 85.4*127.6*14.4	10/PK; 100/CS
PT06-96S	Clear; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-96I	White; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-96S	White; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-96I	Black; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-96S	Black; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS

Bioland™ Immunoplate Strip Single Well

Order number	Description	Package
PT06-1ID	Clear; Medium binding force; C-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PT06-1SD	Clear; High binding force; C-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-1ID	White; Medium binding force; C-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-1SD	White; High binding force; C-bottom, 85.4*127.6*14.4	10/PK; 100/CS

Bioland™ Immunoplate Strip 8-Well

Order number	Description	Package
PT06-8ID	Clear; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PT06-8SD	Clear; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-8ID	White; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-8SD	White; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-8ID	Black; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-8SD	Black; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS

Bioland™ Immunoplate Strip 12-Well

Order number	Description	Package
PT06-12ID	Clear; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PT06-12SD	Clear; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-12ID	White; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-12SD	White; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-12ID	Black; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-12SD	Black; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS

Bioland™ Elisa plate/ Clear Flat-Bottom Immuno 384-Well Plate

Order number	Description	Package
PT06-3841	Clear; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PT06-384S	Clear; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-3841	White; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PW06-384S	White; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-3841	Black; Medium binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS
PB06-384S	Black; High binding force; F-bottom, 85.4*127.6*14.4	10/PK; 100/CS

Bioland™ High-Performance Deep-Well Microplates/storage plates

Product Overview

Our comprehensive series of deep-well plates is designed to meet the diverse needs of modern laboratories. Available in 24, 48, 96, and 384-well formats with a comprehensive range of volume capacities, this product line offers unparalleled flexibility for a vast array of applications.

Specifications & Configuration

Well Formats: 24-well, 48-well, 96-well, 384-well

Volume Range: Available in multiple volume capacities to suit your specific throughput and volume requirements.

Key Features & Benefits

Certified Pure & Inert: Manufactured from USP Class VI polypropylene, these plates are guaranteed free of RNase, DNase, and pyrogens, and will not adsorb proteins or DNA.

Superior Chemical Resistance: Exhibits excellent resistance to aggressive solvents like DMSO, phenols, and chloroform, and is inert to water.

Rigorous Physical Durability:

Autoclavable for sterile processing.

Withstands high-force centrifugation (e.g., 4000g for specific models) without deformation.

Suitable for cryogenic storage at -40°C and -80°C.

Optimized for Assay Integrity: Features ultra-low liquid retention and low metal content to maximize sample recovery and ensure accurate results.

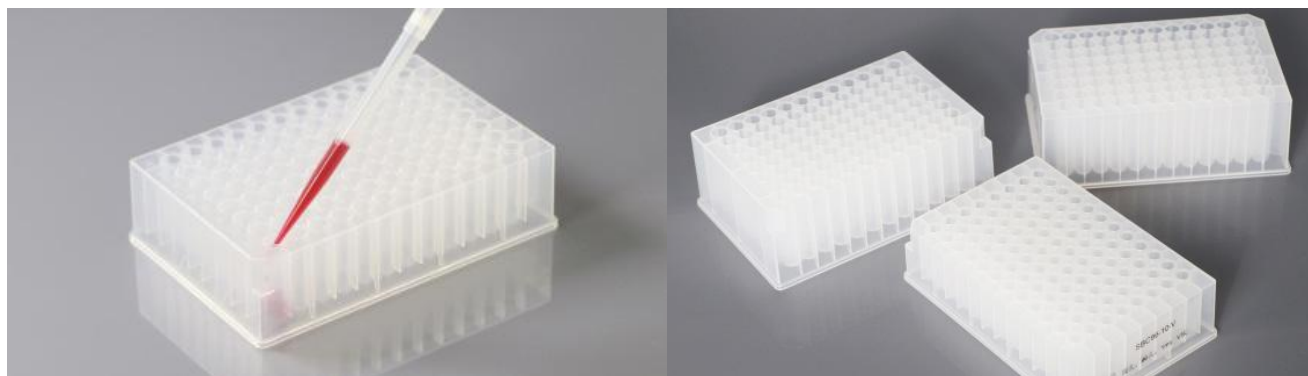
Versatile Sealing Compatibility: All plates are compatible with a variety of sealing methods, including adhesive seals, silicone mats, and heat seals.

Applications

Ideal for: DNA/RNA Extraction, Sample Storage & Cryopreservation, Thermal Cycling (PCR), Real-Time PCR, Colorimetric Assays, and Magnetic Bead-based workflows.

Instrument Compatibility

The plates are designed for broad compatibility with major automated liquid handling systems and nucleic acid extractors from manufacturers such as **KingFisher**, **Thermo Fisher Scientific (ABI)**, **Roche**, **Beckman Coulter**, **Eppendorf**, **Bioer**, and many others.



Bioland™ Round-well storage plate/deep-well plate

Order number	Description	Package
SBC48-35-U	48-Well 3.5mL/well, U-Bottom	5/PK;50/Cs
SBC48-35-U-S	48-Well 3.5mL/well, U-Bottom, Sterile	5/PK;50/Cs
SBC48-35-SU	48-Well 3.5mL/well, U-Bottom, SBS Footprint	5/PK;50/Cs
SBC48-35-SU-S	48-Well 3.5mL/well, U-Bottom, SBS Footprint, Sterile	5/PK;50/Cs
SBC96-20-U	96-Well 2.0mL/well, U-Bottom	5/PK;50/Cs
SBC96-20-U-S	96-Well 2.0mL/well, U-Bottom, Sterile	5/PK;50/Cs
SBC96-20-V	96-Well 2.0mL/well, V-Bottom	5/PK;50/Cs
SBC96-20-V-S	96-Well 2.0mL/well, V-Bottom, Sterile	5/PK;50/Cs
SBC96-12-U	96-Well 1.3mL/well, U-Bottom	5/PK;50/Cs
SBC96-12-U-S	96-Well 1.3mL/well, U-Bottom, Sterile	5/PK;50/Cs
SBC96-12-V	96-Well 1.2mL/well, V-Bottom	5/PK;50/Cs
SBC96-12-V-S	96-Well 1.2mL/well, V-Bottom, Sterile	5/PK;50/Cs
SBC96-11-U	96-Well 1.1mL/well, U-Bottom	5/PK;50/Cs
SBC96-11-U-S	96-Well 1.1mL/well, U-Bottom, Sterile	5/PK;50/Cs
SBC96-11-V	96-Well 1.1mL/well, V-Bottom	5/PK;50/Cs
SBC96-11-V-S	96-Well 1.1mL/well, V-Bottom, Sterile	5/PK;50/Cs
SBC96-10-U	96-Well 1.0mL/well, U-Bottom	5/PK;50/Cs
SBC96-10-U-S	96-Well 1.0mL/well, U-Bottom, Sterile	5/PK;50/Cs
SBC96-10-V	96-Well 1.0mL/well, V-Bottom	5/PK;50/Cs
SBC96-10-V-S	96-Well 1.0mL/well, V-Bottom, Sterile	5/PK;50/Cs
SBC96-500-U	96-Well 500uL/well, U-Bottom	10/PK;100/Cs
SBC96-500-U-S	96-Well 500uL/well, U-Bottom, Sterile	10/PK;100/Cs
SBC96-450-V	96-Well 450uL/well, V-Bottom	10/PK;100/Cs
SBC96-450-V-S	96-Well 450uL/well, V-Bottom, Sterile	10/PK;100/Cs
SBC96-400-U	96-Well 400uL/well, U-Bottom	10/PK;100/Cs
SBC96-400-U-S	96-Well 400uL/well, U-Bottom, Sterile	10/PK;100/Cs
SBC96-360-V	96-Well 360uL/well, V-Bottom	10/PK;100/Cs
SBC96-360-V-S	96-Well 360uL/well, V-Bottom, Sterile	10/PK;100/Cs

Bioland™ Square-well storage plate/deep-well plate



Order number	Description	Package
SBS24-10-V	Square-well; 24-well; 10ml; V-bottom	5/PK; 50/CS
SBS24-10-V-S	Square-well; 24-well; 10ml; Sterile, V-bottom	5/PK; 50/CS
SBS48-46-U	Square-well; 48-well; 4.6ml; U-bottom	5/PK; 50/CS
SBS48-46-U-S	Square-well; 48-well; 4.6ml; U-bottom, Sterile	5/PK; 50/CS
SBS96-G22-U	I-shaped ,Square-well; 96-well; 2.2ml; U-bottom	5/PK; 50/CS
SBS96-G22-U-S	I-shaped ,Square-well; 96-well; 2.2ml; U-bottom, Sterile	5/PK; 50/CS
SBS96-22-U	Square-well; 96-well; 2.2ml; U-bottom	5/PK; 50/CS
SBS96-22-U-S	Square-well; 96-well; 2.2ml; U-bottom, Sterile	5/PK; 50/CS
SBS96-22-V	Square-well; 96-well; 2.2ml; V-bottom	5/PK; 50/CS
SBS96-22-V-S	Square-well; 96-well; 2.2ml; V-bottom, Sterile	5/PK; 50/CS
SBS96-22-C	Square-well; 96-well; 2.2ml; Conical bottom	5/PK; 50/CS
SBS96-22-C-S	Square-well; 96-well; 2.2ml; Conical bottom, Sterile	5/PK; 50/CS
SBS96-16-U	Square-well; 96-well; 1.6ml; U-bottom	5/PK; 50/CS
SBS96-16-U-S	Square-well; 96-well; 1.6ml; U-bottom, Sterile	5/PK; 50/CS
SBS96-16-V	Square-well; 96-well; 1.6ml; V-bottom	5/PK; 50/CS
SBS96-16-V-S	Square-well; 96-well; 1.6ml; V-bottom, Sterile	5/PK; 50/CS
SBS96-13-U	Square-well; 96-well; 1.0ml/1.3ml; U-bottom	10/PK; 100/CS
SBS96-13-U-S	Square-well; 96-well; 1.0ml/1.3ml; U-bottom, Sterile	10/PK; 100/CS
SBS96-500-C	Square-well; 96-well; 500ul; Conical bottom	10/PK; 100/CS
SBS96-500-C-S	Square-well; 96-well; 500ul; Conical bottom, Sterile	10/PK; 100/CS
SBS384-240-V	Square-well; 384-well; 240ul; Conical bottom	5/PK; 50/CS
SBS384-240-V-S	Square-well; 384-well; 240ul; Conical bottom, Sterile	5/PK; 50/CS

Bioland™ Adhesive Seals, Silicone Mats, and Heat Seals

Bioland™ Microplate Sealing Products

Bioland™ provides a comprehensive range of sealing solutions to meet the diverse needs of any laboratory workflow.

Adhesive Seals (Adhesive Films):

Key Feature: Strong, single-use adhesion.

Description: Our Bioland™-brand adhesive seals provide a simple, secure, and airtight seal for sample protection against evaporation and contamination. Easy to apply and remove.

Heat Sealing Films (Heat Sealable Foils):

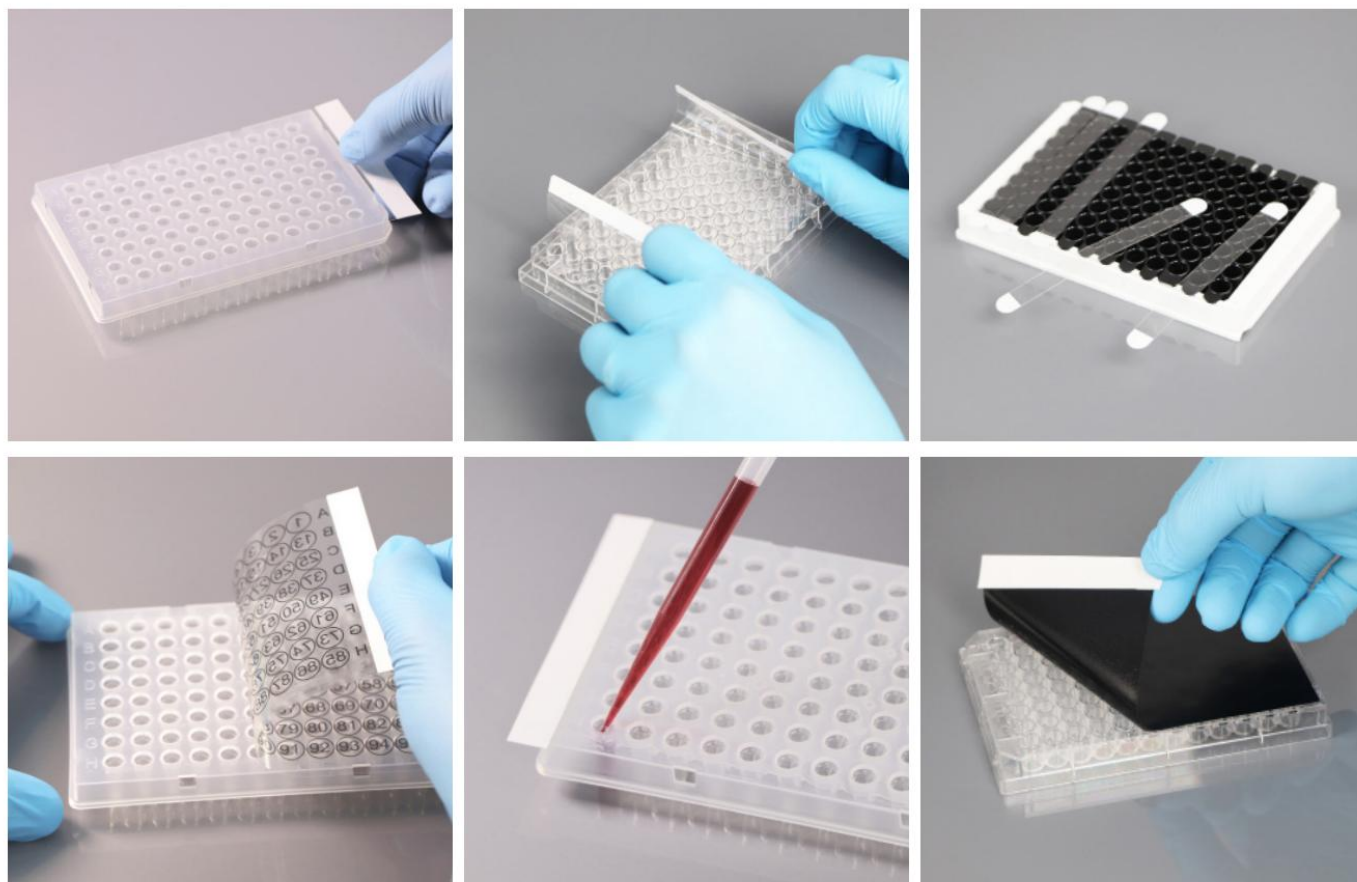
Key Feature: Permanent, hermetic seal.

Description: Designed for use with a heat sealer, these films create a strong, tamper-proof seal essential for long-term storage, sensitive assays, and ensuring sample integrity during transport.

Silicone Mats (Silicone Lids):

Key Feature: Autoresealable and pierceable.

Description: Made of durable, flexible silicone. These mats create a secure, reusable seal that can be punctured by pipette tips for direct access to wells and then reseal automatically, ideal for multi-step assays.



Bioland™ Adhesive Seals (Adhesive Films):

Order number	Description	Package
CPM04-65A	Adhesive Sealing Film, Optically Clear, with Peelable Tabs, 136x80mm, 65um	100/Pk
CPM04-65A2	Adhesive Sealing Film, Optically Clear, with Peelable Tabs, 136x80mm, 90um	100/Pk
CPM04-65AH	Adhesive Sealing Film, Optically Clear, with Dual Peelable Tabs, 137x80mm, 90um, Heat-Resistant	100/Pk
CPM04-65B	Pressure-Sensitive Adhesive Film, Optically Clear, with Dual Peelable Tabs, 143x79 mm, 65um	100/Pk
CPM04-65C	Pressure-Sensitive Adhesive Film, Optically Clear, with Peelable Tabs at both ends, 143x79mm, 65um Sterile	100/Pk
CPM04-65D	Pressure-Sensitive Adhesive Film, Optically Clear, with Peelable Tabs at both ends, 143x79 mm, 90um	100/Pk
CPM04-65E	Adhesive Sealing Film, Optically Clear, with Numbered Grid, with Peelable Tabs, 137x83mm, 90um	100/Pk
CPM04-65X	Adhesive Sealing Film, Optically Clear, with Cross-shaped Perforations, Dual Peelable Tabs, 137x80mm, 90um	100/Pk
CPM04-65W	Adhesive Sealing Film, White Opaque for Light-Sensitive Applications, with Dual Peelable Tabs, 140x79mm, 75um	100/Pk
CPM04-65H	Adhesive Sealing Film, black Opaque for Light-Sensitive Applications, with Peelable Tabs, 140x79mm, 75um	100/Pk
CPM04-65V	Gas-Permeable Adhesive Sealing Film, Hydrophobic, with Peelable Tabs, 133x79mm, 75um	100/Pk
CPM04-65HV	Gas-Permeable Adhesive Sealing Film, High Breathability, with Peelable Tabs, 133x79mm, 75um	100/Pk
CPM04-08	Adhesive Sealing Strips for 8-Well Microplate Strips 8.8x94mm, 90um, 10 Strips/Sheet	50/Pk
SF125-841	Aluminum Foil Sealing Film, Light-Protective, with Peelable Tabs, 133x80mm, 75um	100/Pk
SF125-841A	Aluminum Foil Sealing Film, Light-Protective, with Peelable Tabs at both ends, 146x83mm, 75um	100/Pk

Bioland™ Heat Sealing Films (Heat Sealable Foils)

Order number	Description	Package
SF125-842	Aluminum Heat Seal Foil, Smooth Surface, Pierceable, 125x80mm, 35um	100/Pk
SF125-842T	Aluminum Heat Seal Foil, Smooth Surface, Pierceable, 125x82mm, 100um	100/Pk
SF125-843	Aluminum Heat Seal Foil, Smooth Surface, No-Pierceable, 125x82mm, 110um	100/Pk
SF125-843L	Aluminum Heat Seal Foil For PS Microplates, Smooth Surface, No-Pierceable, 135x82mm, 110um	100/Pk
SF125-843E	Aluminum Heat Seal Foil For PE Microplates Smooth Surface, No-Pierceable, 125x82mm, 110um	100/Pk
SF125-844	Aluminum Heat Seal Foil, Matt Surface, Pierceable, 125x82mm, 110um	100/Pk
SF125-845	Aluminum Heat Seal Foil, Matt Surface, Non-Pierceable, 125x82mm, 110um	100/Pk
SF125-941	Thermal Seal Film, Transparent, Smooth Surface, Peelable, Non-Pierceable, 125x80mm, 110um	100/Pk
SF125-942	Heat Seal Film, Transparent, Smooth Surface, Non-Peelable, Pierceable, 125x80mm, 50um	100/Pk
SF125-943	Heat Seal Film, Transparent, Smooth Surface, Peelable, Non-Pierceable, 125x80mm, 100um	100/Pk

Bioland™ Silicone Mats (Silicone Lids)

Order number	Description	Package
SBS01-24	Silicone Mat; 24-Well; Square Well; 17.2 x 17.2 mm	10/PK 50/Box
SBS01-48	Silicone Mat; 48-Well; Rectangular Well; 8.4 x 17.2 mm	10/PK 50/Box
SBS01-96	Silicone Mat; 96-Well; Square Well; 8.4 x 8.4 mm	10/PK 50/Box
SBC01-96X	Silicone Mat; 96-Well; Large Round Well; Ø8.3 mm	10/PK 50/Box
SBC01-96	Silicone Mat; 96-Well; Small Round Well; Ø7.3 mm	10/PK 50/Box
SBCO1-96PCR	PCR Silicone Mat; 96-Well; PCR Round Well; Ø5.7 mm	10/PK 50/Box
SBS01-384	Silicone Mat; 384-Well; Square Well; 3.4 x 3.4 mm	10/PK 50/Box
SBS01-08	8-Cap Silicone Strip; for PCR Tubes & Strips; Round Well; Ø5.7 mm	50/PK 100/Box
SBSO1-12	12-Cap Silicone Strip; for PCR Tubes & Strips; Round Well; Ø5.7 mm	50/PK 100/Box
SBS01-08X	8-Cap Silicone Strip; for Microplate Strips; Round Well; Ø8.3 mm	50/PK 100/Box
SBS01-12X	12-Cap Silicone Strip; for Microplate Strips; Round Well; Ø8.3 mm	50/PK 100/Box

Bioland™ Magnetic Tip Combs for Square-well Deep-Well Plates

Overview:

High-performance magnetic tip combs, engineered specifically for Bioland™ deep-well plates, to facilitate efficient magnetic bead-based separations in automated workflows.

Description: Magnetic tip combs designed for use with Bioland™ deep-well plates.

Configuration: Available in 8, 12, 24, and 96-tip configurations.

Compatibility: For 2.0 mL / 2.2 mL deep-well plates. Compatible with most automated nucleic acid extraction instruments.



Order number	Description	Package
SBS08-96	8 Strip Tip Comb; Standard type	2 PCS/bag; 100 PCS/CS
SBS08-96S	8 Strip Tip Comb; Standard type; Sterile	2 PCS/bag; 100 PCS/CS
SBS08S-96	8 Strip Tip Comb; No handle model	2 PCS/bag; 100 PCS/CS
SBS08S-96S	8 Strip Tip Comb; Without handle; Sterile	2 PCS/bag; 100 PCS/CS
SBS08J-96	8 Strip Tip Comb; Wide back style	2 PCS/bag; 100 PCS/CS
SBS08J-96S	8 Strip Tip Comb; Wide back style; Sterile	2 PCS/bag; 100 PCS/CS
SBS08C-96	8 Strip Tip Comb; With buckle; Cone bottom	2 PCS/bag; 100 PCS/CS
SBS08C-96S	8 Strip Tip Comb; With buckle; Cone bottom; Sterile	2 PCS/bag; 100 PCS/CS
SBS08N-96	8 Strip Tip Comb; With buckle; Round bottom	2 PCS/bag; 100 PCS/CS
SBS08N-96S	8 Strip Tip Comb; With buckle; Round bottom; Sterile	2 PCS/bag; 100 PCS/CS
SBS12-96	12 Strip Tip Comb	2 PCS/bag; 100 PCS/CS
SBS12-96S	12 Strip Tip Comb; Sterile	2 PCS/bag; 100 PCS/CS
SBS24S-96	24 Strip Tip Comb; Thin sleeve;	2 PCS/bag; 30 PCS/CS
SBS24S-96S	24 Strip Tip Comb; Thin sleeve; Sterile	2 PCS/bag; 30 PCS/CS
SBS24-96	24 Strip Tip Comb; Large capacity standard model	1 PCS/bag; 30 PCS/CS
SBS24-96S	24 Strip Tip Comb; Large capacity standard model; Sterile	1 PCS/bag; 30 PCS/CS
SBS24L-96	24 Strip Tip Comb; Large capacity standard model	1 PCS/bag; 30 PCS/CS
SBS24L-96S	24 Strip Tip Comb; Large capacity standard model; Sterile	1 PCS/bag; 30 PCS/CS
SBS96-96	Magnetic sleeve 96 tip column	2 PCS/bag; 30 PCS/CS
SBS96-96S	Magnetic sleeve 96 tip column; Sterile	2 PCS/bag; 30 PCS/CS

Consumables For Cell Culture



Applications: cytology, genetics, immunology, experimental medicine, oncology, biomolecules, monoclonal antibody, genetic engineering, vaccines, stem cells, cells

**Bioland™ Consumables For
Cell Culture**

Bioland™ Cell culture Flasks

No dead end bottleneck design, greatly ensure the harvest without residue.

The rectangular and trapezoidal bottom design makes our bottles smaller.

The cover plate welded by ultrasonic is strong and leak-proof, and there is no metal element precipitation in the adhesive.

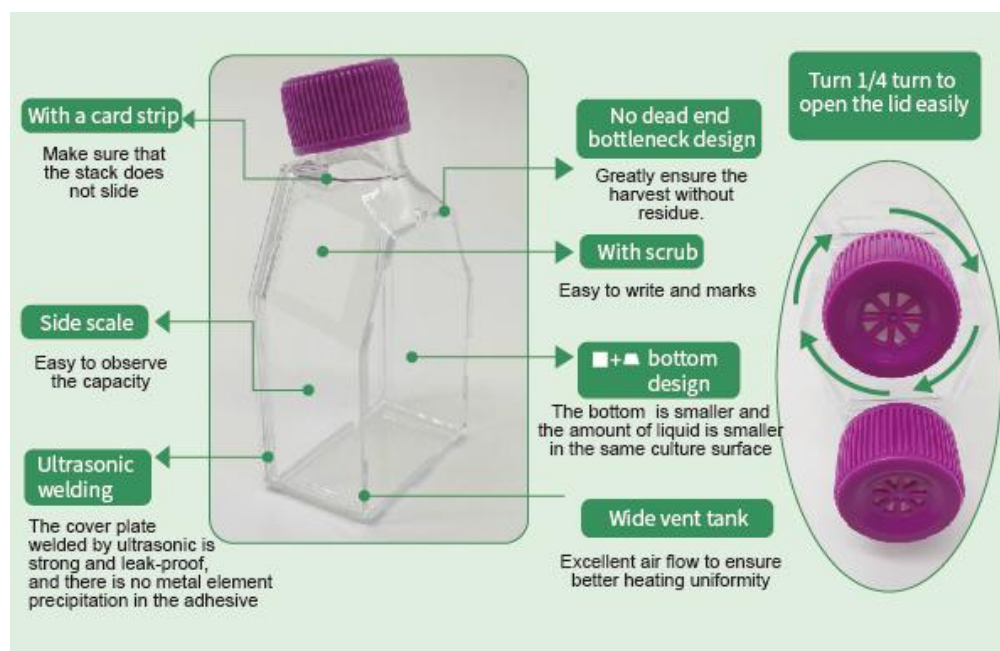
Wide vent tank, improve air flow to ensure heat uniformity.

25cm² for cell resuscitation and small scale expansion;

75cm² suitable for most cell expansion;

175cm² is suitable for eukaryotic protein expression and packaging of viruses.

- Special surface treatment, better wall adhesion effect, more uniform
- The upward-sloping neck design allows easier access to pipettes or cell scrapers/scoops
- Irradiation sterilization
- Made of polystyrene
- RNase/DNase-free
- Human DNA-free
- Non-pyrogenic
- Non-cytotoxic



Order number	Description	Package
CCB06-025	25cm ² ; Filter membrane cover; Easy to stick wall; Recommended working volume: 5-7ml Full capacity: 71ml Maximum lying capacity: 16ml	12/PK; 240/Cs
CCB06-025S	25cm ² ; Seal cover; Easy to stick wall; Recommended working volume: 5-7ml Full capacity: 71ml Maximum lying capacity: 16ml	12/PK; 240/Cs
CCB06-075	75cm ² ; Filter membrane cover; Easy to stick wall; Recommended working volume: 15-25ml Full capacity: 254ml Maximum lying capacity: 70ml	5/PK; 100/Cs
CCB06-075S	75cm ² ; Seal cover; Easy to stick wall; Recommended working volume: 15-25ml Full capacity: 254ml Maximum lying capacity: 70ml	5/PK; 100/Cs
CCB06-175	175cm ² ; Filter membrane cover; Easy to stick wall; Recommended working volume: 45-55ml Full capacity: 635ml Maximum lying capacity: 210ml	5/PK; 40/Cs
CCB06-175S	175cm ² ; Seal cover; Easy to stick wall; Recommended working volume: 45-55ml Full capacity: 635ml Maximum lying capacity: 210ml	5/PK; 40/Cs
CCB06-225	225cm ² ; Filter membrane cover; Easy to stick wall; Recommended working volume: 60-75ml Full capacity: 825ml Maximum lying capacity: 300ml	5/PK; 30/Cs
CCB06-225S	225cm ² ; Seal cover; Easy to stick wall; Recommended working volume: 60-75ml Full capacity: 825ml Maximum lying capacity: 300ml	5/PK; 30/Cs

Bioland™ Cell Culture Microplates

Bioland™ Cell Culture Microplates are meticulously designed to provide an optimal environment for cell growth, ensuring sample integrity, and enhancing workflow efficiency through intelligent design features.

- Alphanumeric well identification for precise tracking
- Anti-contamination design: beveled lid guides & raised well rims
- Evaporation control rings & enhanced gas exchange channels
- Treated surface for superior cell attachment (also available untreated)
- Available in 6/12/24/48/96 wells; Flat/U/V bottom options
- Sterile, non-cytotoxic, Free of RNase/DNase/pyrogens

Application Guide by Type

Clear Microplates: Ideal for general cell culture, observation, storage, and colorimetric assays. Untreated surfaces are perfect for sample storage, detection, and screening.

White Microplates: Optimized for luminescence-based assays, reflecting light for maximum signal detection.

Black Microplates: Designed for fluorescence applications, minimizing cross-talk and background signal through their light-absorbing properties



Order number	Description	Package
CCP06-006	6-Well Clear Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-012	12-Well Clear Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-024	24-Well Clear Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-048	48-Well Clear Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-096	96-Well Clear Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-096W	6-Well White Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-096S	96-Well Black Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06N-096W	96-Well White Assay Plates, Untreated	1/PK 50/Cs
CCP06N-096S	96-Well Black Assay Plates, Untreated	1/PK 50/Cs
CCP06-096U	96-Well U-Bottom Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06-096V	96-Well V-Bottom Microplate, Cell Culture Treated	1/PK 50/Cs
CCP06N-096U	96-Well U-Bottom Microplate, Untreated	1/PK 50/Cs
CCP06N-096V	96-Well V-Bottom Microplate, Untreated	1/PK 50/Cs

Bioland™ 384-Well Microplates

Bioland™ 384-well microplates are available with either untreated or cell culture-treated surfaces. Designed to SBS standards, they ensure full compatibility with automated systems, plate readers, and liquid handlers. The 384-well format reduces reagent consumption and enables high-throughput screening.

Dual Surface Options: Cell culture-treated for adherent cells; untreated for suspension cultures, storage, assays, or custom coating

Optimal Material: Manufactured from USP Class VI polystyrene with excellent optical clarity

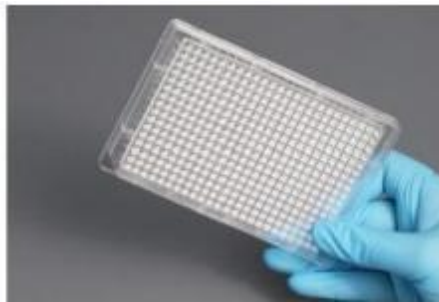
Secure & Pure: Sterile, non-cytotoxic, and free of RNase, DNase, and pyrogens

Flat Bottom: Ideal for optical measurements and scintillation counting

Applications

Treated: Ideal for adherent cell culture

Untreated: Suitable for suspension culture, sample storage, biochemical assays, and custom surface coatings (e.g., PLL, streptavidin)



Order number	Description	Package
CCP06N-384	384-Well Clear Assay Plate, Untreated	1/PK 50/Cs
CCP06N-384W	384-Well White Assay Plate, Untreated	1/PK 50/Cs
CCP06N-384S	384-Well Black Assay Plate, Untreated	1/PK 50/Cs
CCP06-384	384-Well Clear Assay Plate, Cell Culture Treated	1/PK 50/Cs
CCP06-384W	384-Well White Assay Plate, Cell Culture Treated	1/PK 50/Cs
CCP06-384S	384-Well Black Assay Plate, Cell Culture Treated	1/PK 50/Cs

Bioland™ Cell Culture Dish

Innovative design of cell culture dishes improved the guarantee of experimental results. At the same time, it brings more comfortable feeling in use

Innovative external support design reduces the risk of impurities from wear falling into the dish

Innovative easy-to-grab design effectively avoids the risk of the bottom dish not holding or falling when picking easy to grab ring opening design, so that the air is more smooth, the air in the dish can get excellent exchange

Special surface treatment, better wall adhesion effect, more uniform

flat and Clear for microscopic observation

The bottom thickness is uniform and flat

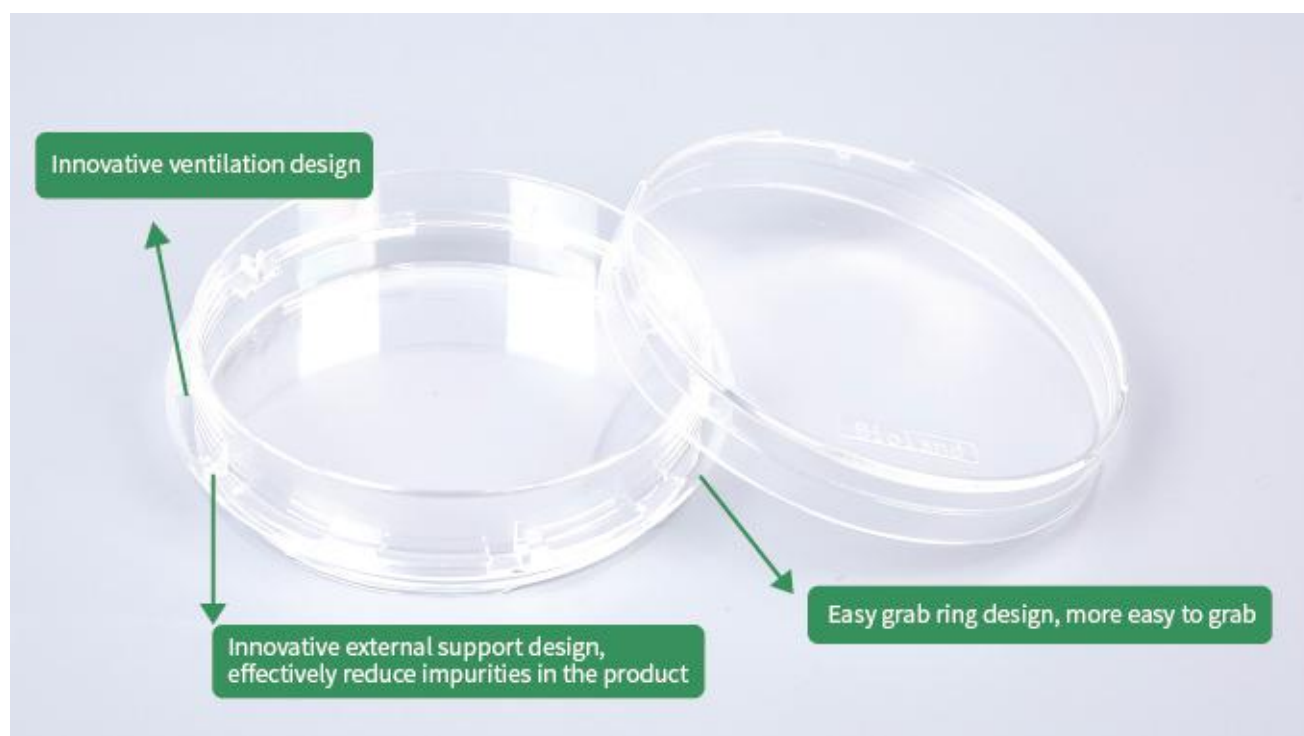
irradiation sterilization

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic



Order number	Description	Package
CCD06-035A	Easy to grasp ventilation type; 35x12mm	10/package;500/Cs
CCD06-060A	Easy to grasp ventilation type; 60x15mm	10/package;500/Cs
CCD06-100A	Easy to grasp ventilation type; 100x20mm	10/package;300/Cs
CCD06-150A	Easy to grasp ventilation type; 150x20mm	10/package;100/Cs

Bioland™ Cell Strainers

Bioland™ Cell Strainers are ideal for preparing stem cells and tissue-derived primary cells. Compatible with 50 mL tubes from major brands including Bioland™, Corning, and Thermo Fisher.

Three Variants: Available in multiple pore sizes for diverse applications

Material: PP housing with Nylon mesh

Certified Pure: Sterile, free of RNase/DNase, and non-pyrogenic

Applications: Primary cell isolation from tissues, Stem cell preparation, Single-cell suspension preparation



Order number	Description	Package
CS05-040	Cell Strainer, With Skirt, With Handle, Blue, 40µm	1/PK 50/Box
CS05-070	Cell Strainer, With Skirt, With Handle, White, 70µm	1/PK 50/Box
CS05-100	Cell Strainer, With Skirt, With Handle, Yellow, 100µm	1/PK 50/Box
CS05-040F	Cell Strainer, Without Skirt, Without Handle, Blue, 40µm	1/PK 50/Box
CS05-070F	Cell Strainer, Without Skirt, Without Handle, Natural, 70µm	1/PK 50/Box
CS05-100F	Cell Strainer, Without Skirt, Without Handle, Yellow, 100µm	1/PK 50/Box
CS05-040B	Cell Strainer, Without Skirt, With Handle, Blue, 40µm	1/PK 50/Box
CS05-070B	Cell Strainer, Without Skirt, With Handle, Natural, 70µm	1/PK 50/Box
CS05-100B	Cell Strainer, Without Skirt, With Handle, Yellow, 100µm	1/PK 50/Box

Bioland™ Suspension Cell Culture Products, Non-Tc Treat

Bioland™ suspension cell culture products that provide ample growth space for cells in culture medium, supporting extended cultivation periods and robust proliferation - making them ideal for cell metabolism studies.

Material: Manufactured from high-clarity polystyrene

Surface: Untreated interior optimized for suspension cell culture

Certification: Sterile, non-pyrogenic, and free of RNase/DNase contamination

- Excellent optical clarity for clear microscopic observation
- Biologically inert surface maintains cell viability in suspension
- Ready-to-use for various suspension culture applications

Representative Applications

S180 sarcoma cells

Leukocytes from blood samples

K562 cell line

HL-60 cell line



Order number	Description	Package
CCB06N-025	25cm ² Cell culture Flask; Non-Tc Treat, Filter membrane cap	12/PK; 240/Cs
CCB06N-025S	25cm ² Cell culture Flask; Non-Tc Treat, Seal cover	12/PK; 240/Cs
CCB06N-075	75cm ² Cell culture Flask; Non-Tc Treat, Filter membrane cap	5/PK; 100/Cs
CCB06N-075S	75cm ² Cell culture Flask; Non-Tc Treat, Seal cover	5/PK; 100/Cs
CCB06N-175	175cm ² Cell culture Flask; Non-Tc Treat, Filter membrane cap	5/PK; 40/Cs
CCB06N-175S	175cm ² Cell culture Flask; Non-Tc Treat, Seal cover	5/PK; 40/Cs
CCB06N-225	225cm ² Cell culture Flask; Non-Tc Treat, Filter membrane cap	5/PK; 30/Cs
CCB06N-225S	225cm ² Cell culture Flask; Non-Tc Treat, Seal cover	5/PK; 30/Cs
CCD06N-035A	Cell Culture Dish; Non-Tc Treat, 35x12mm	10/PK; 500/Cs
CCD06N-060A	Cell Culture Dish; Non-Tc Treat, 60x15mm	10/PK; 500/Cs
CCD06N-100A	Cell Culture Dish; Non-Tc Treat, 100x20mm	10/PK; 300/Cs
CCD06N-150A	Cell Culture Dish; Non-Tc Treat, 150x20mm	5/PK; 100/Cs
CCP06N-006	6-well Cell Culture Plate; Non-Tc Treat	1/PK; 50/Cs
CCP06N-012	12-well Cell Culture Plate; Non-Tc Treat	1/PK; 50/Cs
CCP06N-024	24-well Cell Culture Plate; Non-Tc Treat	1/PK; 50/Cs
CCP06N-048	48-well Cell Culture Plate; Non-Tc Treat	1/PK; 50/Cs
CCP06N-096	96-well Cell Culture Plate; Non-Tc Treat	1/PK; 50/Cs

Bioland™ Cell Factory Systems

Scalable, Consistent Cell Culture Platform

Bioland™ Cell Factory systems provide a reliable solution for large-scale adherent cell culture. The multi-layer design maximizes growth surface area within a minimal footprint, ideal for vaccine, protein, and cell/gene therapy production.

Standard Wide-Mouth Cell Factory

Multiple Configurations: 1, 2, 4, 5, 10, and 40-layer options for flexible scaling.

Optimized Design: Wide-mouth enables easy handling and improved gas exchange.

Quality Construction: Imported ultrasonic welding ensures consistent performance and durability.

Ready-to-Use: Sterile, endotoxin-free, medical-grade polystyrene.

Key Benefits

High Yield: Large surface area for maximum productivity.

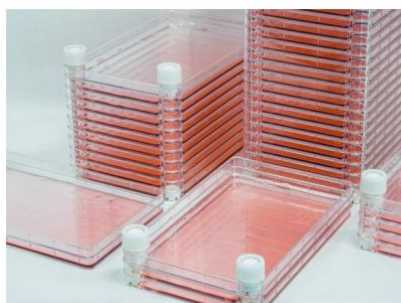
Easy Scale-Up: Simple expansion by adding layers.

Space Saving: Compact design reduces incubator footprint.

Process Compatibility: Suitable for automated and closed systems.

Reliable Consistency: Lot-to-lot uniformity for reproducible results.

Custom Solutions: Available for specific requirements.



Order number	Number of layers	Culture area	size (L*W*H)	Package
CCF06-002	2	1264cm ²	335*205*53mm	6/Cs
CCF06-004	4	2526cm ²	335*205*87mm	6/Cs
CCF06-005	5	3160cm ²	335*205*104mm	6/Cs
CCF06-010	10	6316cm ²	335*205*189mm	6/Cs
CCF06-040	40	25265cm ²	335*205*698mm	2/Cs

Cell Factory Components:

Order number	Description	Package
CCF06-A	1/8 Quick Connector (Skirtless, High-Pressure Resistant, Non-Sterile)	10/Pk
CCF06-B	1/4 Quick Connector (Skirtless, High-Pressure Resistant, Non-Sterile)	10/Pk
CCF06-C	3/8 Quick Connector (Standard Skirt, High-Pressure Resistant, Non-Sterile)	10/Pk
CCF06-D	1/4 Quick Connector (Extended Skirt, High-Pressure Resistant, Non-Sterile)	10/Pk
CCF06-E	Cell Factory Wide-Mouth to Narrow-Mouth Adapter Cap, HDPE (Sterile)	10/Pk
CCF06-F	Cell Factory Wide-Mouth Adapter Cap, HDPE + Filter Vent Cap (Sterile)	10/Pk
CCF06-J	Cell Factory Sealing Cap, HDPE, Sterile	10/Pk
CCF06-H	Cell Factory Vent Cap, HDPE, Sterile	10/Pk
CCF06-I	Filter Vent Port Cap, Sterile	10/Pk

Bioland™ Disposable sterile Erlenmeyer Flask

Product Overview

Bioland™ disposable sterile Erlenmeyer flasks are primarily designed for suspension culture of bacteria, fungi, animal cells, and plant cells. These flasks are also ideal for oxygen-sensitive cell cultures and serve as excellent containers for media preparation and storage.

Key Features

Closure Options: Available with sealed caps or vented filter caps

Material: Manufactured from PETG with exceptional clarity

Scale: Features permanent molded graduations

Sizes: 125mL, 250mL, 500mL, 1000mL, 2L, 3L, 5L capacities

Certification: Sterile, non-cytotoxic, and Free of RNase/DNase/pyrogens, BPA-free

Applications

Microbial and cell suspension culture

Oxygen-demanding cell cultures

Media preparation and storage

General laboratory liquid handling



Order number	Description	Package
FPB07-125	Disposable Sterile Erlenmeyer Flask, Vented Cap, 125mL	1/PK 40/Cs
FPB07-125S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 125mL	1/PK 40/Cs
FPB07-250	Disposable Sterile Erlenmeyer Flask, Vented Cap, 250mL	1/PK 40/Cs
FPB07-250S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 250mL	1/PK 40/Cs
FPB07-500	Disposable Sterile Erlenmeyer Flask, Vented Cap, 500mL	1/PK 20/Cs
FPB07-500S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 500mL	1/PK 20/Cs
FPB07-1000	Disposable Sterile Erlenmeyer Flask, Vented Cap, 1000mL	1/PK 15/Cs
FPB07-1000S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 1000mL	1/PK 15/Cs
FPB07-2000	Disposable Sterile Erlenmeyer Flask, Vented Cap, 2000mL	1/PK 6/Cs
FPB07-2000S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 2000mL	1/PK 6/Cs

FPB07-3000	Disposable Sterile Erlenmeyer Flask, Vented Cap, 3L	1/PK 6/Cs
FPB07-3000S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 3L	1/PK 6/Cs
FPB07-5000	Disposable Sterile Erlenmeyer Flask, Vented Cap, 5L	1/PK 4/Cs
FPB07-5000S	Disposable Sterile Erlenmeyer Flask, Sealed Cap, 5L	1/PK 4/Cs
FPB07-125B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 125mL,	1/PK 40/Cs
FPB07-125BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap, 125mL	1/PK 40/Cs
FPB07-250B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 250mL,	1/PK 40/Cs
FPB07-250BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap,250mL	1/PK 40/Cs
FPB07-500B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 500mL,	1/PK 20/Cs
FPB07-500BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap, 500mL	1/PK 20/Cs
FPB07-1000B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 1000mL,	1/PK 15/Cs
FPB07-1000BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap, 1000mL	1/PK 15/Cs
FPB07-2000B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 2000mL,	1/PK 6/Cs
FPB07-2000BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 2000mL,	1/PK 6/Cs
FPB07-3000B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap, 3000mL	1/PK 6/Cs
FPB07-3000BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 3000mL,	1/PK 6/Cs
FPB07-5000B	Disposable Sterile Erlenmeyer Flask with Baffled Bottom,Sealed Cap, 5L	1/PK 4/Cs
FPB07-5000BS	Disposable Sterile Erlenmeyer Flask with Baffled Bottom Vented Cap, 5L,	1/PK 4/Cs

Bioland™ Disposable Serological Pipette

Product Overview

Bioland™ disposable serological pipettes are designed for tissue culture and cell culture applications. Certified sterile and pyrogen-free, these pipettes undergo rigorous testing for accuracy and endotoxin levels to ensure reliable performance.

Key Features

Material: Manufactured from transparent polystyrene with clear, permanent graduations

Safety Certified: Sterile, non-pyrogenic, and free of RNase/DNase

Performance: Leak-proof tips ensure precise liquid handling and prevent sample loss

Quality Control: Tested for accuracy and endotoxin levels to meet strict quality standards

Applications

Tissue culture workflows

Cell culture applications

General laboratory liquid transfers

Sterile media and reagent preparation



Order No.	Description	Package
PT06-1	Disposable Serological Pipette, 1mL, Individually Wrapped, Sterile	50/PK 1000/Cs
PT06-2	Disposable Serological Pipette, 2mL, Individually Wrapped, Sterile	50/PK 500/Cs
PT06-5	Disposable Serological Pipette, 5mL, Individually Wrapped, Sterile	50/PK 200/Cs
PT06-10	Disposable Serological Pipette, 10 mL, Extruded Design, Individually Wrapped, Sterile	50/PK 200/Cs
PT06-10A	Disposable Serological Pipette, 10 mL, Welded Design, Individually Wrapped, Sterile	50/PK 200/Cs
PT06-25	Disposable Serological Pipette, 25mL, Individually Wrapped, Sterile	25/PK 200/Cs
PT06-50	Disposable Serological Pipette, 50mL, Individually Wrapped, Sterile	25/PK 100/Cs
PT06-100	Disposable Serological Pipette, 100mL, Individually Wrapped, Sterile	20/PK 100/Cs

Bioland™ Ultrafiltration Tubes

Working Principle

Bioland™ Ultrafiltration Tubes utilize the selective permeability of ultrafiltration membranes with specific pore sizes. These membranes allow water molecules and small solutes to pass through while retaining larger molecules. Driven by centrifugal force or pressure, the tubes effectively separate solvents from samples, achieving efficient concentration and purification.

With concentration factors up to 80-100×, these tubes are ideal for biological sample purification, protein concentration, desalting, and buffer exchange. Their reliable performance makes them essential tools in biopharmaceuticals, environmental monitoring, chemical analysis, and food processing.

Key Features

- High recovery rates (>90%) for most proteins
- Broad chemical compatibility
- Multiple molecular weight cut-off (MWCO) options
- High-throughput processing capability
- Compatible with standard centrifuges

Applications

- **Biotechnology:** Protein purification & concentration, Nucleic acid extraction
- **Biopharmaceuticals:** Protein enrichment, Drug screening, Pharmaceutical purification
- **Environmental Monitoring:** Water sample analysis
- **Chemical Analysis:** Sample preparation
- **Food Processing:** Separation and concentration of food components

All tubes are sterile, pyrogen-free, and certified for molecular biology applications.



Bioland™ Ultrafiltration Tubes

Key Features

Compatible with standard centrifuges (Max. RCF: 6500×g)

Polyethersulfone (PES) membrane: Featuring high throughput, no hydrophobic or hydrophilic interactions, and low clogging, it is suitable for a wide range of application scenarios

Transparent housing with volume graduations

Multiple molecular weight cut-offs (MWCO): 3-100 kDa

High recovery rate: >90%

High flow rate for rapid processing

RNase/DNase-free, non-pyrogenic

Writing area for sample identification

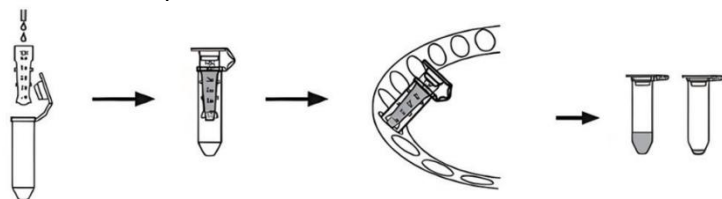
Applications

Biological sample purification

Protein concentration and desalting

Buffer exchange

Biomolecule separation



Order No.	Description	Package
UCT005-5-S	0.5ml ultrafiltration tube, PES filter membrane, NMWCO 5KD	1/PK 24/Box
UCT005-10-S	0.5ml ultrafiltration tube, PES filter membrane, NMWCO 10KD	1/PK 24/Box
UCT005-30-S	0.5ml ultrafiltration tube, PES filter membrane, NMWCO 30KD	1/PK 24/Box
UCT005-50-S	0.5ml ultrafiltration tube, PES filter membrane, NMWCO 50KD	1/PK 24/Box
UCT005-100-	0.5ml ultrafiltration tube, PES filter membrane, NMWCO 100KD	1/PK 24/Box
SUCT04-3-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 3KD	1/PK 12/Box
UCT04-5-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 5KD	1/PK 12/Box
UCT04-10-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 10KD	1/PK 12/Box
UCT04-30-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 30KD	1/PK 12/Box
UCT04-50-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 50KD	1/PK 12/Box
UCT04-100-S	4ml ultrafiltration tube, PES filter membrane, NMWCO 100KD	1/PK 12/Box
UCT15-3-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 3KD	1/PK 6/Box
UCT15-5-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 5KD	1/PK 6/Box
UCT15-10-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 10KD	1/PK 6/Box
UCT15-30-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 30KD	1/PK 6/Box
UCT15-50-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 50KD	1/PK 6/Box
UCT15-100-S	15ml ultrafiltration tube, PES filter membrane, NMWCO 100KD	1/PK 6/Box

Bioland™ Confocal Dish

Bioland™™ Confocal Dish easily performs high-quality imaging in a 35 mm petri dish.

Combining the convenience of a standard 35mm petri dish with the imaging benefits of a cover glass provides the excellent optical properties required for high magnification microscopy and confocal image analysis.

Improve the quality of high-resolution cell culture images

Reduce evaporation and contamination of the medium

Human DNA-free

Non-pyrogenic

Non-cytotoxic

Sterile

Recommended use:

Fluorescence microscopy imaging, phase contrast microscopy imaging, confocal microscopy imaging, live cell imaging

Differential interferometric contrast microscopy, Fluorescence in Situ Hybridization (FISH)



Order number	Description	Package
CDG35-16	Dish diameter: 35mm; Glass bottom diameter: 16mm	10/PK; 100/CS
CDG35-20	Dish diameter: 35mm; Glass bottom diameter: 20mm	10/PK; 100/CS

Bioland™96 Well Black/Clear Bottom Plate, TC Surface

96-Well Optical-Bottom Plates with Polymer Base have a solid polystyrene black or white upper structures with a polystyrene film at the bottom of the plate.

The plates are optimized for fluorescence and luminescence in cell culture and microscopic applications.

White or black polystyrene upper structure with polymer or coverglass bottom plates combine the optical clarity of virgin crystalline polystyrene with optimal surface for a wide range of HTS applications.

Background, autofluorescence and crosstalk are improved when you use Black or White microplates

Black microplates are recommended for fluorescence measurements;

with minimum back-scattered light and background fluorescence

White microplates are recommended for luminescence measurements; with maximum reflection and minimal autoluminescence

Available in black for fluorescence assays or white for luminescence and fluorescence assays;

both with clear bottoms

Polymer base plate

Working range, 50-200μL/well

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic

Sterile



Order number	Description	Package
PG06-96CC	96-well black glass bottom microplate; Cell culture surface	1/PK; 20/CS
PG06-W96C	96-well white polymer bottom microporous plate; Cell culture surface	1/PK; 20/CS
PG06-96C	96-well black polymer bottom microporous plate; Cell culture surface	1/PK; 20/CS
PG06-W96	96-well white polymer bottom microporous plate; Untreated surface	1/PK; 20/CS
PG06-96	96-well black polymer bottom microporous plate; Untreated surface	1/PK; 20/CS

Bioland™ Cell Culture Inserts in Multi-Well Plates

The membrane is made of polycarbonate membrane with superhydrophilic surface

Most cell types can be grown without substrate coating using the Biolaand cell culture chamber

Four pore sizes: 0.4, 3, 5, and 8 micron

There are three sizes of 6-well, 12-well and 24-well cell culture plates available

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic

Sterile

Polycarbonate membranes have higher pore density, allow more exchange through the membrane, and have excellent cell adhesion properties, making them ideal for transport studies and other applications where optimal cell growth is required.

Polycarbonate membranes are also very suitable for barrier analysis. It has a higher, more sustained, and more stable transepithelial resistance over a longer period of time than other membranes.

Applications

Detection of tumor migration and invasion

Epithelial and endothelial cell barrier assays

Leather/skin and epithelial tissue model

Study of chemotaxis

Co-culture research:

Cell to cell interactions

Cell-mother cell interaction

Cell-substrate interaction



Order number	Description	Package
Bioland™™Cell Culture Chamber, 6-well plate kit		
CER06-004	PC membrane; Membrane aperture: 0.4um	1 set/bag; 10 sets/Cs
CER06-030	PC membrane; Membrane aperture: 3um	1 set/bag; 10 sets/Cs
CER06-050	PC membrane; Membrane aperture: 5um	1 set/bag; 10 sets/Cs
CER06-080	PC membrane; Membrane aperture: 8um	1 set/bag; 10 sets/Cs
Bioland™™Cell Culture Chamber, 12-well plate kit		
CER12-004	PC membrane; Membrane aperture: 0.4um	1 set/bag; 10 sets/Cs
CER12-030	PC membrane; Membrane aperture: 3um	1 set/bag; 10 sets/Cs
CER12-050	PC membrane; Membrane aperture: 5um	1 set/bag; 10 sets/Cs
CER12-080	PC membrane; Membrane aperture: 8um	1 set/bag; 10 sets/Cs
Bioland™™Cell Culture Chamber, 24-well plate kit		
CER24-004	PC membrane; Membrane aperture: 0.4um	1 set/bag; 10 sets/Cs
CER24-030	PC membrane; Membrane aperture: 3um	1 set/bag; 10 sets/Cs
CER24-050	PC membrane; Membrane aperture: 5um	1 set/bag; 10 sets/Cs
CER24-080	PC membrane; Membrane aperture: 8um	1 set/bag; 10 sets/Cs

Bioland™ Cell Culture Coverslip

High optical glass material, surface treatment, can promote the growth of cells directly on the slide

Stick to the wall, not easy to fall off, to avoid the loss of cells due to metastasis

No processing required, ready to use, No.1 thickness (0.13-0.17mm)

It is suitable for immunohistochemistry, immunofluorescence, in situ hybridization and other experiments

Order number	Description	Package
CCG33-12C	Circle; Diameter: 12mm	100 /Box
CCG33-15C	Circle; Diameter: 15mm	100 /Box
CCG33-20C	Circle; Diameter: 20mm	100 /Box
CCG33-25C	Circle; Diameter: 25mm	100 /Box
CCG33-28C	Circle; Diameter: 28mm	100 /Box

Bioland™ Biobanking and Cell Culture Cryogenic Tubes

Store samples from general cold storage to the vapor phase of liquid nitrogen with Biobanking and Cell Culture Cryogenic

Tubes, Non-cytotoxic, non-mutagenic raw materials and pyrogen-free IVD compatible tubes for added sample security

Certified SAL of 10⁻⁶ for the highest sterility assurance available

Suitable for storage from general cold storage refrigeration (+4°C) down to the vapor phase of liquid nitrogen

Bulk

External rotating frozen storage tube flat bottom self - standing

The circular bottom of the inner rotating frozen storage tube has star support feet, which can also be self-supporting

The cryogenic tube is made of high quality polypropylene test tube, which is not deformed under high temperature and high pressure disinfection

Large bandwidth white writing area, scale in 0.5 mL increments

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic

Sterile



Order number	Description	Package
External Cryogenic Tubes		
AC05-10	External screw cap, 1.0ml	50/PK; 500/CS
AC05-20	External screw cap, 2.0ml	50/PK; 500/CS
AC05-50	External screw cap, 5.0ml	50/PK; 500/CS
Internal Cryogenic Tubes		
WC05-10	Internal, 1.0ml, star standing	50/PK; 500/CS
WC05-20	Internal, 2.0ml, star standing	50/PK; 500/CS
WC05-50	Internal, 5.0ml, star standing	50/PK; 500/CS

Bioland™ CryoBoxes

Plastic CryoBoxes designed to store cryogenic vials and tubes. Choose from a variety of durable plastic styles with keyed lids and printed location grids, or select economical cardboard/chipboard CryoBoxes for short-term storage.

Durable, all-plastic CryoBoxes for short- or long-term storage

Keyed lids on plastic CryoBoxes prevent misalignment

Plastic boxes are autoclavable for decontamination and usable at temperature range from -196°C to +121°C

Printed grid on plastic lids for easy inventory management

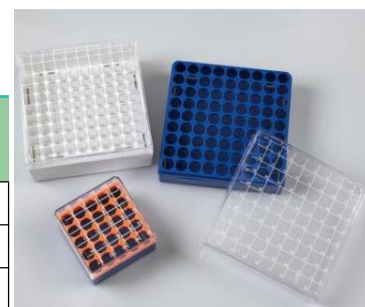
Suitable for storing 25, 81, 100 frozen storage tubes

Suitable for 1-2ml frozen storage tube

Clear polycarbonate material

5X5, 9 x 9, 10 x 10

Order number	Description	Package
FB07-25	5X5; 25-holes; Grid type	1/PK; 10/CS
FB07-81	9X9; 81-holes; Grid type	1/PK; 10/CS
FB07-100	10X10; 100-holes; Slot type	1/PK; 10/CS



Bioland™ Freezing Container

Freeze cells in tubes from 1 to 5 mL using the Freezing Container. The simple-to-use system is designed to achieve a rate of cooling very close to -1°C/minute, the optimal rate for cell preservation. It holds 12 to 18 tubes, and a screw top lid secures samples inside in the event of accidental container tipping.

Provides precise cooling rates for frozen cells (approx. -1°C/ min)

Appropriate amount of isopropyl alcohol should be injected when using

The top of the cover is designed for easy stacking

Order number	Description	Package
CB07-020	18-holes , Suitable for 1.5 ml and 2.0 ml cryopreserved tubes	1/PK; 50/CS
CB07-050	12-holes, Suitable for 5ml cryopreserved tubes	1/PK; 50/CS



Bioland™ Antifreeze gloves

Can tolerate - 240 °C low temperature

The surface of gloves is made of the first layer of cowhide, durable and frost proof

The inner layer is made of sponge velvet, which is warm, anti-freezing, moisture-absorbent, soft and comfortable

Available in 6 lengths

Order number	Description	Package
AG05-25	Length: 25cm	1Pair/PK; 120Pair/CS
AG05-30	Length: 30cm	1Pair/PK; 120Pair/CS
AG05-35	Length: 35cm	1Pair/PK; 120Pair/CS
AG05-40	Length: 40cm	1Pair/PK; 120Pair/CS
AG05-45	Length: 45cm	1Pair/PK; 120Pair/CS
AG05-60	Length: 60cm	1Pair/PK; 120Pair/CS



Bioland™ Storage Canes

Store Bioland™ cryostorage tubes in Storage Canes, available in standard or stepped format to accommodate a variety of vial sizes and designs.

Made of stainless steel compared to other brands of aluminum heavier, will not float, so there is no need for any fixed.

It can hold frozen storage tubes with a diameter of 10mm-12.5mm and a length of 25mm-50mm.

According to the size of the bucket, three models are designed: Type 3 (15cm long), Type 4 (20cm long), Type 5 (25cm long).

The use is very convenient and flexible, when using, the cell freezing tube or glass ampoule to be frozen on the freezing clip, according to the thickness of the freezing tube or glass ampoule clip adjust the tightness of the freezing clip, and then insert the bucket, and then the bucket can be stored in liquid nitrogen. Because the support strip is heavy, it does not float, so it does not need any fixing. To remove the cells, just push the hole in the corresponding frozen tube or ampoule with your finger to make it exit.

Order number	Description	Package
SS-315	Length: 15cm; Can support 3 frozen storage tubes	10/PK; 100/CS
SS-420	Length: 20cm; Can support 4 frozen storage tubes	10/PK; 100/CS
SS-525	Length: 25cm; Can support 5 frozen storage tubes	10/PK; 100/CS



Bioland™ liquid nitrogen tank special stainless steel hanger

Made of SUS304 stainless steel, corrosion-resistant and sturdy

Can store samples for a long time at -200 °C

Suitable for 5x5 cryovials

Used for sample storage in liquid nitrogen tanks

Order number	Description	Package
SCF04-N254	Stainless steel hanger for liquid nitrogen tank; 4 layers; With drawers; Suitable for 72x72x45mm freezer box	1Set/Pk
SCF04-N255	Stainless steel hanger for liquid nitrogen tank; 5 layers; With drawers; Suitable for 72x72x45mm freezer box	1Set/Pk
SCF04-N256	Stainless steel hanger for liquid nitrogen tank; 6 layers; With drawers; Suitable for 72x72x45mm freezer box	1Set/Pk
SCF04-254	Stainless steel hanger for liquid nitrogen tank; 4 layers; Without drawers; Suitable for 75x75x53mm freezer box	1Set/Pk
SCF04-255	Stainless steel hanger for liquid nitrogen tank; 4 layers; Without drawers; Suitable for 75x75x53mm freezer box	1Set/Pk
SCF04-256	Stainless steel hanger for liquid nitrogen tank; 4 layers; Without drawers; Suitable for 75x75x53mm freezer box	1Set/Pk



Bioland™ Stainless Steel Cryogenic Tube Racks

Product Overview

Constructed from durable SUS304 stainless steel, these cryogenic tube racks maintain structural integrity at temperatures as low as -200°C. Individual layer handles facilitate safe and convenient tube access.

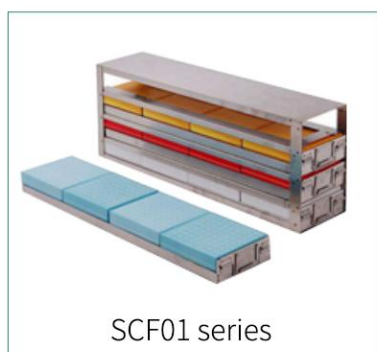
Configuration Options

Horizontal Drawer Style

Horizontal Divided Drawer with Side-Access

Vertical Tube Rack

Compatibility: Designed for universal compatibility with standard cryogenic boxes and most laboratory freezers/refrigerators, ensuring reliable sample organization and storage.



SCF01 series



SCF02 series



SCF03 series

Order No.	description	package
SCF01 series flat drawer type freezer tube rack (suitable for vertical refrigerator)		
SCF01-244S	Stainless Steel Cryogenic Tube Racks ; 4x4 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF01-253S	Stainless Steel Cryogenic Tube Racks ; 5x3 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF01-254S	Stainless Steel Cryogenic Tube Racks ; 5x4 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF01-264S	Stainless Steel Cryogenic Tube Racks ; 6x4 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF01-533S	Stainless Steel Cryogenic Tube Racks ; 3x3 array ; suitable for 133x133x75mm Cryo Box	1Set/Pk
SCF01-534S	Stainless Steel Cryogenic Tube Racks ; 3x4 array ; suitable for 133x133x75mm Cryo Box	1Set/Pk
SCF02 series horizontal compartment side drawer type freezer tube rack (suitable for vertical refrigerator)		
SCF02-244S	Stainless Steel Cryogenic Tube Racks ; 4x4 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF02-253S	Stainless Steel Cryogenic Tube Racks ; 5x3 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF02-254S	Stainless Steel Cryogenic Tube Racks ; 5x4 array ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF02-264S	Stainless Steel Cryogenic Tube Racks ; 6x4 array ; suitable for 133x133x53mm Cryo Box	Single

SCF02-533S	Stainless Steel Cryogenic Tube Racks ; 3x3 array ; suitable for 133x133x75mm Cryo Box	1Set/Pk
SCF02-534S	Stainless Steel Cryogenic Tube Racks ; 3x4 array ; suitable for 133x133x75mm Cryo Box	1Set/Pk
SCF03 series vertical freezer (suitable for horizontal freezer)		
SCF03-250S	Stainless Steel Cryogenic Tube Racks ; 5 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-260S	Stainless Steel Cryogenic Tube Racks ; 6 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-270S	Stainless Steel Cryogenic Tube Racks ; 7 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-280S	Stainless Steel Cryogenic Tube Racks ; 8 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-290S	Stainless Steel Cryogenic Tube Racks ; 9 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-210S	Stainless Steel Cryogenic Tube Racks ; 10 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-211S	Stainless Steel Cryogenic Tube Racks ; 11 layers ; suitable for 133x133x53mm freezer tube box	1Set/Pk
SCF03-212S	Stainless Steel Cryogenic Tube Racks ; 12 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-213S	Stainless Steel Cryogenic Tube Racks ; 13 layers ; suitable for 133x133x53mm Cryo Box	1Set/Pk
SCF03-590S	Stainless Steel Cryogenic Tube Racks ; 9 layers ; suitable for 133x133x75mm Cryo Box	1Set/Pk
SCF03-510S	Stainless Steel Cryogenic Tube Racks ; 10 layers ; suitable for 133x133x75mm Cryo Box	1Set/Pk

Bioland™ Closed Transfer System (CTS)

Contamination Control Solution

Bioland™'s Closed Transfer System (CTS) provides an integrated containment solution for cell culture processes, effectively minimizing contamination risks during critical operations. The system maintains a sterile environment while enabling essential gas exchange.

Technical Specifications

Integrated 0.22 µm hydrophobic membrane filter (sterilizing grade)

Manufactured in ISO 7 (Class 10,000) cleanroom environment

One-piece injection molded two-port caps with secure connection design

TPE tubing compatible with heat sealing and welding processes

Standard MPC and Luer lock connectors available

USP Class VI certified materials

Sterility Assurance Level (SAL) of 10^{-6}

Endotoxin-free and animal-derived component free (ADCF)

Design Features

Leak-proof connections prevent accidental disconnections

Heat-sealable tubing for closed system integrity

Gas-permeable, hydrophobic membrane prevents microbial ingress

Ready-to-use sterile configuration

Customization

Custom-engineered solutions available to meet specific process requirements and application needs.

Bioland™ Erlenmeyer Flask Closed Transfer System



Order.No	Description	Package
F125-2-3	125ml ; with 0.22µm air filter ; TPE welded heat sealing tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; heat sealing of the tube.	1/Pk 6/Box
F125-F2-3L	125ml ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 6/Box
F125-F2-3M	125ml ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 6/Box
F125-2-3S	125ml ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S series sterile connector	1/Pk 6/Box
F125-2-6	125ml ; with 0.22µm air filter ; TPE welded heat sealing tube ; inner diameter of 1/4 inch, outer diameter of 3/8 inch ; heat sealing of the tube.	1/Pk 6/Box

F125-F2-6L	125ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 6/Box
F125-F2-6M	125ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 6/Box
F125-2-6S	125ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S series sterile connector	1/Pk 6/Box
F250-2-3	250ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; heat sealing of the tube mouth.	1/Pk 6/Box
F250-F2-3L	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 6/Box
F250-F2-3M	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 6/Box
F250-2-3S	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S series sterile connector	1/Pk 6/Box
F250-2-6	250ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter of 1/4 inch, outer diameter of 3/8 inch ; heat sealing of the tube.	1/Pk 6/Box
F250-F2-6L	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 6/Box
F250-F2-6M	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 6/Box
F250-2-6S	250ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S series sterile connector	1/Pk 6/Box
F500-2-3	500ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter of the tube is 1/8 inch, outer diameter of the tube is 1/4 inch ; heat sealing of the tube mouth.	1/Pk 4/Box
F500-F2-3L	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 4/Box
F500-F2-3M	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 4/Box
F500-2-3S	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S series sterile connector	1/Pk 4/Box
F500-2-6	500ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter of 1/4 inch, outer diameter of 3/8 inch ; heat sealing of the tube.	1/Pk 4/Box
F500-F2-6L	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 4/Box
F500-F2-6M	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 4/Box
F500-2-6S	500ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S series sterile connector	1/Pk 4/Box
F1000-2-3	1000ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; heat sealing tube.	1/Pk 3/Box
F1000-F2-3L	1000ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 3/Box
F1000-F2-3M	1000ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 3/Box
F1000-2-3S	1000ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S series sterile connector	1/Pk 3/Box
F1000-2-6	1000ml ; with 0.22 μ m air filter ; TPE welded heat sealing tube ; inner diameter of	1/Pk 3/Box

	1/4 inch, outer diameter of 3/8 inch ; heat sealing of the tube.	
F1000-F2-6L	1000ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 3/Box
F1000-F2-6M	1000ml ; with 0.22 μ m air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 3/Box
F1000-2-6S	1000ml; with 0.22 μ m air filter; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S series sterile connector	1/Pk 3/Box

Bioland™ Large-Scale Erlenmeyer Flask Closed Transfer System

Product Overview

Bioland™'s Large-Scale Erlenmeyer Flask Closed Transfer System features a three-channel design for enhanced application flexibility in large-volume bioprocessing. The integrated 50mm diameter vent membrane significantly improves gas exchange efficiency, creating optimal growth conditions for cells and bacteria.

Technical Features

- Three independent fluid channels for operational flexibility
- Large 50mm integrated vent membrane for superior aeration
- Dedicated inlet and outlet lines (vs conventional bidirectional tubing)
- Designed for large-volume suspension cultures
- Maintains closed-system integrity throughout operations

Applications

- Large-scale suspension cell culture
- Bacterial expansion processes
- Sterile fluid transfers in bioprocessing
- High-density culture systems

Benefits

- Enhanced gas exchange for improved cell viability
- Simplified operation with dedicated fluid pathways
- Scalable solution for industrial bioprocessing
- Maintains sterility during large-volume transfers

Order No	description	package
F2L-3-6	Bioland™ 2-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22 μ m air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with inner diameter of 1/4 inch and outer diameter of 3/8 inch; tube end heat-sealed.	1set/PK 6/Cs
F2L-F3-6L	Bioland™ 2-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22 μ m air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube (inner diameter 1/4 inch, outer diameter 3/8 inch); tube end with Luer male connector	1set/PK 6/Cs
F2L-F3-6M	Bioland™ 2-liter Erlenmeyer Flask Closed Transfer System with 0.22 μ m air filter, independent liquid inlet/outlet piping, TPE welded heat-sealed tube (inner diameter 1/4 inch, outer diameter 3/8 inch), and MPC male connector	1set/PK 6/Cs

F2L-3-6S	Bioland™ 2-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter; tube end equipped with S-series sterile connector	1set/PK 6/Cs
F3L-3-6	Bioland™ 3-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter; tube end heat-sealed.	1set/PK 6/Cs
F3L-F3-6L	Bioland™ 3-liter Erlenmeyer Flask Closed Transfer System; equipped with 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter; tube end with Luer male connector	1set/PK 6/Cs
F3L-F3-6M	Bioland™ 3-liter Erlenmeyer Flask Closed Transfer System; equipped with 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter; tube end with MPC male connector	1set/PK 6/Cs
F3L-3-6S	Bioland™ 3-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; tube end with S-series sterile connector	1set/PK 6/Cs
F5L-3-6	Bioland™ 5-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; tube end heat-sealed.	1set/PK 4/Cs
F5L-F3-6L	Bioland™ 5-liter Erlenmeyer Flask Closed Transfer System with 0.22µm air filter, independent liquid inlet/outlet piping, TPE welded heat-sealed tubing (inner diameter 1/4 inch, outer diameter 3/8 inch), and Luer male connector.	1set/PK 4/Cs
F5L-F3-6M	Bioland™ 5-liter Erlenmeyer Flask Closed Transfer System; equipped with a 0.22µm air filter; features independent liquid inlet/outlet pipelines; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter; tube end with MPC male connector	1set/PK 4/Cs
F5L-3-6S	Bioland™ 5-liter Erlenmeyer Flask Closed Transfer System with 0.22µm air filter, independent liquid inlet/outlet pipelines, TPE welded heat-sealed tubes (inner diameter 1/4 inch, outer diameter 3/8 inch), and S-series sterile connectors.	1set/PK 4/Cs

Bioland™ Centrifuge Tube/Bottle Closed Transfer System

Product Overview

The Bioland™ Centrifuge Bottle Closed Transfer System provides complete closed-system fluid management for bioprocessing applications. The 50mL conical tube configuration enables sterile sampling, while the 250mL/500mL centrifuge bottles support secure large-volume fluid transfers while maintaining system integrity.

Configuration Options

50mL closed system for small-volume aseptic sampling

250mL/500mL centrifuge bottles for closed-system fluid transfers

Key Features

Maintains closed-system integrity during all operations

Enables sterile sampling and fluid transfers

Compatible with standard centrifuge equipment

Preserves bioprocess containment

Applications

Small-volume sampling from bioprocesses

Closed-system media and buffer transfers

Harvest and collection operations

Cell culture and fermentation processes



Order.No	description	package
A50-2-3	Bioland™ 50ml Centrifuge Tube Closed Transfer System ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1set/PK 8/Cs
A50-F2-3L	Bioland™ 50ml Centrifuge Tube Closed Transfer System ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8inch, outer diameter 1/4 inch ; tube opening with Luer male connector	1set/PK 8/Cs
A50-F2-3M	Bioland™ 50ml Centrifuge Tube Closed Transfer System ; equipped with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8inch, outer diameter 1/4 inch ; tube end with MPC female connector	1set/PK 8/Cs
A50-2-3S	Bioland™ 50ml Centrifuge Tube Closed Transfer System ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube opening with S-series sterile connector	1set/PK 8/Cs
50A-2-3	Bioland™ 50ml Centrifuge Tube Closed Transfer System ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter	1set/PK 8/Cs

	1/4 inch ; tube end heat-sealed.	
50A-F2-3L	Bioland™ 50ml Centrifuge Tube Closed Transfer System with 0.22 µm air filter ;TPE welded heat-sealed tube (inner diameter 1/8 inch, outer diameter 1/4 inch) ; Luer male connector at the tube opening	1set/PK 8/Cs
50A-F2-3M	Bioland™ 50ml Centrifuge Tube Closed Transfer System with 0.22 µm air filter,TPE welded heat-sealed tube (inner diameter 1/8 inch, outer diameter 1/4 inch), and MPC female connector	1set/PK 8/Cs
50A-2-3S	Bioland™ 50ml Centrifuge Tube Closed Transfer System with 0.22 µm air filter ;TPE welded heat-sealed tube ; 1/8 inch inner diameter and 1/4 inch outer diameter ; S-series sterile connector for tube opening	1set/PK 8/Cs
P250-2-3	Bioland™ 250ml Centrifuge Bottle Closed Transfer System; with 0.22µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube mouth heat-sealed.	1set/PK 8/Cs
P250-F2-3L	Bioland™ 250ml Centrifuge Bottle Closed Transfer System ; equipped with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1set/PK 8/Cs
P250-F2-3M	Bioland™ 250ml Centrifuge Bottle Closed Transfer System ; equipped with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1set/PK 8/Cs
P250-2-3S	Bioland™ 250ml Centrifuge Bottle Closed Transfer Systemm ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch,outer diameter 1/4 inch ; tube end with S Series sterile connector	1set/PK 8/Cs
P500-2-3	Bioland™ 500ml Centrifuge Bottle Closed Transfer System ; with 0.22µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1set/PK 6/Cs
P500-F2-3L	Bioland™ 500ml Centrifuge Bottle Closed Transfer System ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch,outer diameter 1/4 inch ; tube end with Luer male connector	1set/PK 6/Cs
P500-F2-3M	Bioland™ 500ml Centrifuge Bottle Closed Transfer System ; equipped with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1set/PK 6/Cs
P500-2-3S	Bioland™ 500ml Centrifuge Bottle Closed Transfer Systemm ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch,outer diameter 1/4 inch ; tube end with S series sterile connector	1set/PK 6/Cs
P500-2Luer	Bioland™ 500ml Centrifuge Bottle Closed Transfer System ; two channels are formed as one piece, each with a female Luer interface and one with a male Luer interface.	1set/PK 6/Cs

Bioland™ Storage/PET Square Bottle Transfer System



Order.No	Description	package
M30-2-3	Bioland™ 30ml liquid storage cryopreservation bottle sealing system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1Set/PK 8/Cs
M30-F2-3L	Bioland™ 30ml liquid storage freeze-seal vial system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1Set/PK 8/Cs
M30-F2-3M	Bioland™ 30ml storage/freeze vial sealing system ; equipped with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1Set/PK 8/Cs
M30-2-3S	Bioland™ 30ml storage/freeze vial sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S Series sterile connector	1Set/PK 8/Cs
M60-2-3	Bioland™ 60ml storage/freeze preservation bottle sealing system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1Set/PK 8/Cs
M60-F2-3L	Bioland™ 60ml storage/freeze vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealable tube (inner diameter 1/8 inch, outer diameter 1/4 inch) ; tube end with Luer male connector	1Set/PK 8/Cs
M60-F2-3M	Bioland™ 60ml storage/freeze vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1Set/PK 8/Cs
M60-2-3S	Bioland™ 60ml storage/freeze vial sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S Series sterile connector	1Set/PK 8/Cs

M125-2-3	Bioland™125ml storage/freeze preservation bottle sealing system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1Set/PK 6/Cs
M125-F2-3L	Bioland™125ml storage/freeze preservation vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube (inner diameter 1/8 inch, outer diameter 1/4 inch) ; tube end with Luer male connector	1Set/PK 6/Cs
M125-F2-3M	Bioland™125ml storage/freeze storage vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter ; tube end with MPC female connector	1Set/PK 6/Cs
M125-2-3S	Bioland™125ml storage/freeze preservation vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S- series sterile connector	1Set/PK 6/Cs
M125-2-6	Bioland™125ml storage/freeze preservation bottle sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end heat-sealed.	1Set/PK 6/Cs
M125-F2-6L	Bioland™125ml storage/freeze vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube with 1/4-inch inner diameter and 3/8-inch outer diameter ; tube end featuring Luer male connector	1Set/PK 6/Cs
M125-F2-6M	Bioland™125ml storage/freeze preservation vial sealing system ; equipped with a 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1Set/PK 6/Cs
M125-2-6S	Bioland™125ml storage/freeze-drying vial sealing system ; equipped with 0.22 μm air filter ; TPE welded heat-sealed tube with 1/4 inch inner diameter and 3/8 inch outer diameter ; tube end with S-series sterile connector	1Set/PK 6/Cs
M250-2-3	Bioland™ 250ml storage/freeze preservation bottle sealing system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1Set/PK 6/Cs
M250-F2-3L	Bioland™ 250ml Storage/Freeze Vial Sealing System with 0.22μm Air Filter, TPE Welded Heat-Sealed Tube (1/8 inch inner diameter, 1/4 inch outer diameter), Luer Female Connector	1Set/PK 6/Cs
M250-F2-3M	Bioland™ 250ml Storage/Freeze Storage Bottle Sealing System with 0.22μm Air Filter, TPE Welded Heat-Sealed Tube (1/8 inch inner diameter, 1/4 inch outer diameter), and MPC Female Connector	1Set/PK 6/Cs
M250-2-3S	Bioland™ 250ml Storage/Freeze Vial Sealing System; Features 0.22μm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Tube end equipped with S-series sterile connector	1Set/PK 6/Cs
M250-2-6	Bioland™ 250ml Storage Liquid / Freeze Storage Bottle Sealing System; with 0.22 μ m air filter; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; tube end heat-sealed.	1Set/PK 6/Cs

M250-F2-6L	Bioland™ 250ml Storage/Freeze Vial Sealing System with 0.22µm Air Filter, TPE Welded Heat-Sealed Tube (1/4 inch inner diameter, 3/8 inch outer diameter), Luer Female Connector	1Set/PK 6/Cs
M250-F2-6M	Bioland™ 250ml Storage/Freeze Storage Bottle Sealing System; with 0.22µm air filter; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; tube end with MPC female connector	1Set/PK 6/Cs
M250-2-6S	Bioland™ 250ml Storage/Freeze Vial Sealing System; Features 0.22µm air filter; TPE welded heat-sealed tube with 1/4 inch inner diameter and 3/8 inch outer diameter; Tube end equipped with S-series sterile connector	1Set/PK 6/Cs
M500-2-3	Bioland™ 500ml Storage Solution / Freeze Storage Bottle Sealing System;Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Hot-sealed tube opening.	1Set/PK 4/Cs
M500-F2-3L	Bioland™ 500ml Storage/Freeze Vial Sealing System; Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Tube end equipped with Luer male connector	1Set/PK 4/Cs
M500-F2-3M	Bioland™ 500ml Storage Solution/Freeze Storage Bottle Sealing System;Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Tube end equipped with an MPC male connector	1Set/PK 4/Cs
M500-2-3S	Bioland™ 500ml Storage/Freeze Storage Bottle Sealing System; with 0.22µm air filter; TPE welded heat-sealed tube; inner diameter 1/8 inch, outer diameter 1/4 inch; tube end with S-series sterile connector	1Set/PK 4/Cs
M500-2-6	Bioland™ 500ml Storage Solution / Freeze Storage Bottle Sealing System;Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/4 inch inner diameter and 3/8 inch outer diameter; Hot-sealed tube opening.	1Set/PK 4/Cs
M500-F2-6L	Bioland™ 500ml Storage/Freeze Vial Sealing System; Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/4 inch inner diameter and 3/8 inch outer diameter; Tube end with Luer male connector	1Set/PK 4/Cs
M500-F2-6M	Bioland™ 500ml Storage/Freeze Storage Bottle Sealing System; with 0.22µm air filter; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; tube end with MPC female connector	1Set/PK 4/Cs
M500-2-6S	Bioland™ 500ml Storage/Freeze Storage Bottle Sealing System with 0.22µm Air Filter; TPE Welded Heat-Sealed Tube; Inner Diameter 1/4 In., Outer Diameter 3/8 In.; Tube End with S Series Sterile Connector	1Set/PK 4/Cs
M1000-2-3	Bioland™ 1000ml storage/dry storage bottle sealing system; with 0.22µm air filter; TPE welded heat-sealed tube; inner diameter 1/8 inch, outer diameter 1/4 inch; tube end heat-sealed.	1Set/PK 2/Cs
M1000-F2-3L	Bioland™ 1000ml Storage/Freeze Storage Bottle Sealing System; Features 0.22µm air filter; TPE welded heat-sealed tube with 1/8-inch inner diameter and 1/4-inch outer diameter; Tube end equipped with Luer male connector	1Set/PK 2/Cs
M1000-F2-3M	Bioland™ 1000ml Storage/Freeze Storage Bottle Sealing System; Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Tube end with MPC male connector	1Set/PK 2/Cs

M1000-2-3S	Bioland™1000ml Storage/Freeze Storage Bottle Sealing System; Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/8 inch inner diameter and 1/4 inch outer diameter; Tube opening with S-series sterile connector	1Set/PK 2/Cs
M1000-2-6	Bioland™1000ml Storage Solution / Freeze Storage Bottle Sealing System; with 0.22 µm air filter; TPE welded heat-sealed tube; inner diameter 1/4 inch, outer diameter 3/8 inch; heat-sealed tube opening.	1Set/PK 2/Cs
M1000-F2-6L	Bioland™ 1000ml Storage/Freeze Storage Bottle Sealing System with 0.22 µm Air Filter; TPE Welded Heat-Sealed Tube with 1/4 "Inner Diameter and 3/8" Outer Diameter; Tube End with Luer Female Connector	1Set/PK 2/Cs
M1000-F2-6M	Bioland™ 1000ml Storage/Freeze Storage Bottle Sealing System with 0.22 µm Air Filter; TPE Welded Heat-Sealed Tube with Inner Diameter of 1/4 In. and Outer Diameter of 3/8 In.; Tube End with MPC Female Connector	1Set/PK 2/Cs
M1000-2-6S	Bioland™1000ml Storage/Freeze Storage Bottle Sealing System; Features a 0.22µm air filter; TPE welded heat-sealed tube with 1/4 inch inner diameter and 3/8 inch outer diameter; Tube opening equipped with S-series sterile connector	1Set/PK 2/Cs

Bioland™ receiving bottle transfer system

It is used for sampling detection and storage of various volumes.

The receiving bottle transfer system equipped with a PES filter can be directly connected to other closed transfer systems or storage bags and culture bags for sterilization filtration under closed conditions.



Order.No	description	package
G250-2-3	Bioland™ 250ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1/Pk 4/Cs
G250-F2-3L	Bioland™ 250ml receiving bottle transfer system ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 4/Cs
G250-F2-3M	Bioland™ 250ml receiving bottle transfer system ; with 0.22 µm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ;	1/Pk 4/Cs

	tube end with MPC female connector	
G250-2-3S	Bioland™ 250ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S Series sterile connector	1/Pk 4/Cs
G250-2-6	Bioland™ 250ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-seal tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; heat-seal tube.	1/Pk 4/Cs
G250-F2-6L	Bioland™ 250ml receiving bottle closure system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer female connector	1/Pk 4/Cs
G250-F2-6M	Bioland™ 250ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 4/Cs
G250-2-6S	Bioland™ 250ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S Series sterile connector	1/Pk 4/Cs
G500-2-3	Bioland™ 500ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1/Pk 2/Cs
G500-F2-3L	Bioland™ 500ml receiving bottle sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 2/Cs
G500-F2-3M	Bioland™ 500ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 2/Cs
G500-2-3S	Bioland™ 500ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S Series sterile connector	1/Pk 2/Cs
G500-2-6	Bioland™ 500ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; heat-sealed tube opening.	1/Pk 2/Cs
G500-F2-6L	Bioland™ 500ml receiving bottle closure system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 2/Cs
G500-F2-6M	Bioland™ 500ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC male connector	1/Pk 2/Cs
G500-2-6S	Bioland™ 500ml receiver bottle closure system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S Series sterile connector	1/Pk 2/Cs
G1000-2-3	Bioland™ 1000ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end heat-sealed.	1/Pk 2/Cs
G1000-F2-3L	Bioland™ 1000ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with Luer male connector	1/Pk 2/Cs

G1000-F2-3M	Bioland™ 1000ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with MPC female connector	1/Pk 2/Cs
G1000-2-3S	Bioland™ 1000ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/8 inch, outer diameter 1/4 inch ; tube end with S Series sterile connector	1/Pk 2/Cs
G1000-2-6	Bioland™ 1000ml receiving bottle transfer system ; with 0.22um air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; heat-sealed tube opening.	1/Pk 2/Cs
G1000-F2-6L	Bioland™ 1000ml receiving bottle sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with Luer male connector	1/Pk 2/Cs
G1000-F2-6M	Bioland™ 1000ml receiving bottle transfer system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with MPC female connector	1/Pk 2/Cs
G1000-2-6S	Bioland™ 1000ml receiving bottle sealing system ; with 0.22 μm air filter ; TPE welded heat-sealed tube ; inner diameter 1/4 inch, outer diameter 3/8 inch ; tube end with S Series sterile connector	1/Pk 2/Cs



Bioland™ Platinum-Cured Silicone Tubing

Core Applications

Biopharmaceutical manufacturing processes

Development and production of antibodies, vaccines, and cell therapies

Key Features

High flexibility and kink resistance

Hydrophobic surface limits biofilm adhesion

Tear-resistant and high-pressure tolerant

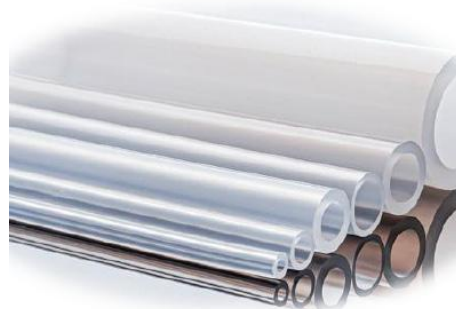
Withstands high temperatures, compression, and chemical corrosion

Low particulate release

Excellent aging resistance

Certifications Biocompatibility tested

Extractables testing per BPOG standard



Order No.	Description	package
ST1032-5032	13# Platinum silicone tubing ; Inner diameter : 1/32 inch ; Outer diameter : 5/32 inch ; Wall thickness : 1/16 inch	15m/Roll
ST1016-3016	14# platinum silicone tube ; inner diameter : 1/16 inch ; outer diameter 3/16 inch ; wall thickness : 1/16 inch	15m/Roll
ST3032-7032	19# Platinum silicone tubing ; Inner diameter : 3/32 inch ; Outer diameter : 7/32 inch ; Wall thickness : 1/16 inch	15m/Roll
ST1008-1004	16# platinum silicone tube ; inner diameter : 1/8 inch ; outer diameter : 1/4 inch ; wall thickness : 1/16 inch	15m/Roll
ST1008-3008	Platinum silicone tubing ; Inner diameter : 1/8 inch ; Outer diameter : 3/8 inch ; Wall thickness : 1/8 inch	15m/Roll
ST3016-5016	25# platinum silicone tubing ; inner diameter : 3/16 inch ; outer diameter : 5/16 inch ; wall thickness : 1/16 inch	15m/Roll
ST3016-3008	15# platinum silicone tubing ; inner diameter : 3/16 inch ; outer diameter 3/8 inch ; wall thickness : 3/32 inch	15m/Roll
ST3016-7016	Platinum silicone tubing ; Inner diameter : 3/16 inch ; Outer diameter : 7/16 inch ; Wall thickness : 1/8 inch	15m/Roll
ST1004-3008	17# Platinum silicone tube ; Inner diameter : 1/4 inch ; Outer diameter : 3/8 inch ; Wall thickness : 1/16 inch	15m/Roll
ST1004-7016	24# platinum silicone tubing ; inner diameter : 1/4 inch ; outer diameter : 7/16 inch ; wall thickness : 3/32 inch	15m/Roll
ST1004-1002	26# Platinum silicone tube ; Inner diameter : 1/4 inch ; Outer diameter : 1/2 inch ; Wall thickness : 1/8 inch	15m/roll
ST5016-7016	18# platinum silicone tubing ; inner diameter : 5/16 inch ; outer diameter : 7/16 inch ; wall thickness : 1/16 inch	15m/Roll
ST5016-1002	35# platinum silicone tubing ; inner diameter : 5/16 inch ; outer diameter : 1/2 inch ; wall thickness : 3/32 inch	15m/Roll
ST3008-9016	36# Platinum Silicone tube ; Inner diameter : 3/8 inch ; Outer diameter : 9/16 inch ; Wall thickness : 3/32 inch	15m/Roll
ST3008-5008	73# Platinum silicone tubing ; Inner diameter : 3/8 inch ; Outer diameter : 5/8 inch ; Wall thickness : 1/8 inch	15m/Roll
ST1002-3004	82# Platinum silicone tube ; Inner diameter : 1/2 inch ; Outer diameter : 3/4 inch ; Wall thickness : 1/8 inch	15m/roll
ST1001-0138	92# Platinum silicone tubing ; Inner diameter : 1 inch ; Outer diameter : 1 1/8 inch ; Wall thickness : 3/6 inch	15m/Roll

Bioland™ TPE Thermoplastic Tubing

High-purity fluid handling in biopharmaceutical processes

Aseptic thermal welding and heat sealing operations

Key Features

Suitable for sterile welding and heat-seal disconnections

Lower adsorption compared to standard silicone tubing

Wide temperature tolerance: -65°C to 135°C

Low extractables and particulates

Gamma irradiation compatible

Certifications

Excellent biosafety profile

Validated for maintaining system integrity and sterility



Order No.	description	pack
TPE1008-1004	16# thermoplastic tube ; inner diameter : 1/8 inch ; outer diameter 1/4 inch ; wall thickness : 1/16 inch	15m/Roll
TPE3016-5016	25# thermoplastic tube ; inner diameter : 3/16 inch ; outer diameter : 5/16 inch ; wall thickness : 1/16 inch	15m/Roll
TPE1004-3008	17# Thermoplastic tube ; Inner diameter : 1/4 inch ; Outer diameter : 3/8 inch ; Wall thickness : 1/16 inch	15m/Roll
TPE1004-7016	24# thermoplastic tube ; inner diameter : 1/4 inch ; outer diameter 7/16 inch ; wall thickness : 3/32 inch	15m/Roll
TPE1004-1002	26# thermoplastic tube ; inner diameter : 1/4 inch ; outer diameter : 1/2 inch ; wall thickness : 1/8 inch	15m/roll
TPE5016-1002	35# thermoplastic pipe ; inner diameter : 5/16 inch ; outer diameter 1/2 inch ; wall thickness : 3/32 inch	15m/Roll
TPE3008-5008	73# Thermoplastic tube ; Inner diameter : 3/8 inch ; Outer diameter : 5/8 inch ; Wall thickness : 1/8 inch	15m/Roll
TPE1002-3004	82# thermoplastic tube ; inner diameter : 1/2 inch ; outer diameter 3/4 inch ; wall thickness : 1/8 inch	15m/Roll
TPE1001-0138	92# Thermoplastic tube ; Inner diameter : 1 inch ; Outer diameter 1 1/8 inch ; Wall thickness : 3/16 inch	15m/Roll

Bioland™ Teflon® Rigid Tubing

Material Characteristics

High transparency

Temperature range: -80°C to 200°C

Chemical corrosion and aging resistance

Flammability Rating: V-0

Highly hydrophobic and non-adhesive surface

Non-toxic and biologically inert

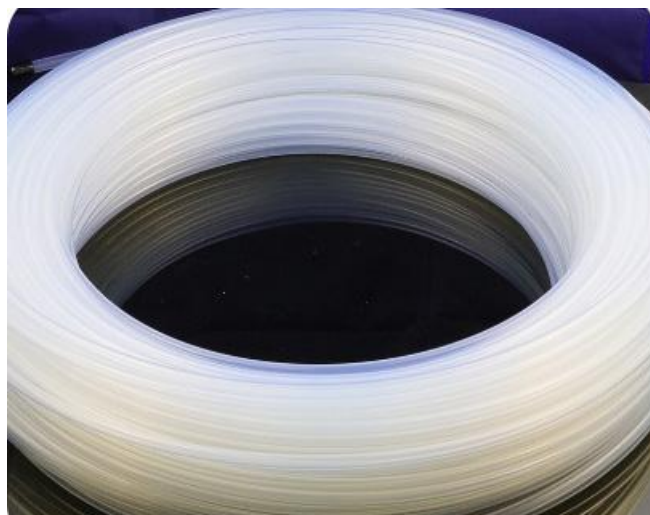
Key Properties

Excellent chemical resistance

Superior non-stick characteristics

Maintains clarity across operating temperatures

Meets stringent safety standards



Order No.	description	pack
TFL1016-1008	Teflon tube ; inner diameter : 1/16 inch ; outer diameter 1/8 inch	15m/Roll
TFL1164-1004	Teflon tube ; inner diameter : 11/64 inch ; outer diameter 1/4 inch	15m/Roll
TFL1004-3008	Teflon tube ; inner diameter : 1/4 inch ; outer diameter 3/8 inch	15m/Roll
TFL3008-1002	Teflon tube ; inner diameter : 3/8 inch ; outer diameter 1/2 inch	15m/Roll

Bioland™ Sterile Tubing System Components

Product Description

Complete range of sterile connectors, fittings, and adapters designed for biopharmaceutical fluid transfer systems. Maintain system integrity with guaranteed sterility and leaktight connections.

Key Features

Pre-sterilized and ready-to-use
 Compatible with standard tubing systems
 Validated for integrity and sterility
 Suitable for single-use applications

Applications

Aseptic fluid pathway connections
 Bioprocess container interfaces
 Sterile tubing assemblies
 Single-use system integrations



Order No.	Description	Pack
LF-1004	1/4 inch tower joint female Luer connector	50/Pk
LF-1008	1/8 inch tower joint female Luer connector	50/Pk
LC-1004	1/4 inch pagoda connector to male Luer connector	50/Pk
LC-1008	1/8 inch pagoda connector to male Luer connector	50/Pk
LF-C01	Mother Luer connector cover	50/Pk
LC-C01	Public Luer connector cover	50/P
MPC-1004F	1/4 inch MPC coupling female	25/Pk
MPC-1008F	1/8 inch MPC coupling female	25/Pk
MPC-1004C	1/4 inch MPC male connector	25/Pk
MPC-1008C	1/8 inch MPC connector male	25/Pk
F-1004F	1/4 inch MPC female connector plug	25/Pk
F-1008F	1/8 inch MPC female connector plug	25/Pk
C-1004F	1/4 inch MPC male connector cap	25/Pk
C-1008F	1/8 inch MPC male connector cap	25/Pk
S-1008	CPC1/8 inch sterile connector	25/Pk
S-1004	CPC1/4 inch sterile connector	5/Pk
T-1008	1/8 inch tee	50/Pk
T-1004	1/4 inch tee	50/Pk
LT-1008	Suitable for 5-8mm Robert water stopper	100/Pk
LT-1004	Suitable for 6-12 mm Robert water stopper	100/Pk
SL-C01	Luer sterile HQ connector	25/Pk



Bioland™ Low Retention microcentrifuge tube

Microcentrifuge Tubes offer sample security while maintaining an easy to open cap. The larger round cap design assists in opening and the smooth surface reduces the possibility of ripped or torn gloves.

High clarity and clearly visible graduation marks allow for quick sample check.

Uniform tube concentricity aides in the robustness needed during centrifugation.

Tubes are available in amber to protect your light sensitive samples

Graduation marks on the microcentrifuge tube allow for effective sample reference

Frosted top and side writing pads

Uniform wall thickness improve durability

-80°C cold storage capable

Available in bulk bags

For stringent sterility requirements individually wrapped sterile tubes are available

Color options: Natural, Amber, Red, Blue, Green, Yellow and Violet and a mixed color packaging

virgin polypropylene , ensure sample integrity during boiling, freezing and centrifugation

Sterile product is certified free of RNase, DNase, DNA, ATP, bioburden and endotoxins

Nonsterile product is certified free of RNase, DNase, DNA and pyrogens.

Max. RCF 20000xG

Can be autoclaved

Low adsorption microcentrifuge tube reduces liquid wall hanging and material adsorption

Order number	Description	Package
TP05-005	0.5ml; Not sterilized; Natural colour	1000/PK; 10000/CS
TP05-005-S	0.5ml;Sterile; Natural colour	100/PK; 1000/Box,10000/Cs
TP05-015	1.5ml; Not sterilized; Natural colour	500/PK; 5000/Cs
TP05-015-S	1.5ml;Sterile; Natural colour	100/PK; 500/Box,5000/Cs
TP05-020	2ml; Not sterilized; Natural colour	500/PK; 5000/Cs
TP05-020-S	2ml;Sterile; Natural colour	100/PK; 500/Box,5000/Cs
TP05-050	5ml; Not sterilized; Natural colour	200/PK; 2000/CS
TP05-050-S	5ml;Sterile; Natural colour	100/PK; 200/Box,2000/Cs
TP05-005B	0.5ml;Non-sterilized; Amber	1000/PK; 10000/CS
TP05-005B-S	0.5ml;Sterile; Amber	100/PK; 1000/Box,10000/Cs
TP05-015B	1.5ml;Non-sterilized; Amber	500/PK; 5000/Cs
TP05-015B-S	1.5ml;Sterile; Amber	100/PK; 500/Box,5000/Cs
TP05-020B	2ml;Non-sterilized; Amber	500/PK; 5000/Cs
TP05-020B-S	2ml;Sterile; Amber	100/PK; 500/Box,5000/Cs



Note: Bioland™ Microcentrifuge tubes are available in a variety of color specifications. Contact Bioland™ customer service for details.

Bioland™ Screw Cap Microcentrifuge Tubes

Polypropylene material, durable, chemical resistance, natural color

Screw cap, leak proof

Can be high temperature autoclaved

RNase/DNase free, pyrogen free

The maximum centrifugal force: 20000Xg

Order number	Description	Package
STP05-005	0.5 ml; Not sterilized; Natural colour	500/PK; 5000/CS
STP05-015	1.5 ml; Not sterilized; Natural colour	500/PK; 5000/CS
STP05-020	2ml; Not sterilized; Natural colour	500/PK; 5000/CS



Bioland™ 15mL and 50mL Conical Sterile Polypropylene Centrifuge Tubes

15mL & 50mL Conical Sterile Polypropylene Centrifuge Tubes are premium, high-quality conical tubes that are environmentally friendly, offer the highest cleanliness with a recyclable plastic rack; increased traceability with the large writing area.

Labware Products are made from high-purity resins and molded using our state-of-the-art processes.

Nonpyrogenic: Endotoxin tested (0.5 EU/mL)

Non-Cytotoxic

Biologically inert: USP biological reactivity class VI

High level of sterility: SAL 10⁻⁶

RNase/DNase-free

Leak proof

Made from virgin resins and molded using state-of-the-art processes;

50ml provides Skirted-bottom self-supporting type.

50ml maximum centrifugal force:17000xg.

15ml maximum centrifugal force: 13500xg.

Available in bag and rack styles

Available in polystyrene for blood research applications



Order number	Description	Package
ATS05-15	Sterile; 15ml; Bulk	25/PK; 500/ Cs
ATS05-15L	Sterile; 15ml; Rack	50/Rack; 500/Cs
ATS05-50	Sterile; 50ml; Bulk	25/PK; 500/ Cs
ATS05-50L	Sterile; 50ml; Rack	25/Rack; 500/Cs
ATS05-50A	Sterile;Skirted, 50ml; Rack	25/PK; 500/ Cs

Bioland™ Amber Conical Centrifuge Tubes

Order number	Description	Package
ATSL05B-15	Amber,Sterile; 15ml; Bulk	25/PK; 500/ Cs
ATSL05B-15L	Amber,Sterile; 15ml; Rack	50/Rack; 500/Cs
ATSL05B-50	Amber,Sterile; 50ml; Bulk	25/PK; 500/ Cs
ATSL05B-50L	Amber,Sterile; 50ml; Rack	25/Rack; 500/Cs



Bioland™ Low Retention Conical Centrifuge Tubes

Order number	Description	Package
ATSL05-LR-15	Sterile; 15ml; Bulk	25/PK; 500/ Cs
ATSL05-LR-15L	Sterile; 15ml; Rack	50/Rack; 500/Cs
ATSL05-LR-50	Sterile; 50ml; Bulk	25/PK; 500/ Cs



Bioland™ Round bottom centrifugal tube -high transparency

Made of polypropylene material

Reusable, high temperature autoclave sterilization

With scale;Writing area

Available in a variety of sizes from 2ml to 100ml, with two choices of button and screw

Order number	Description	Package
ATS06-15R	15ml; Round bottom; ungraduated	24/PK, 960/Cs
ATS06-15RS	15ml; Round bottom; Tape scale	24/PK, 960/Cs



Bioland™ Round bottom centrifuge tube

Product Description

Bioland™ round-bottom centrifuge tubes are manufactured from polypropylene and are ideal for physicochemical analysis and low-speed centrifugation applications. Designed with clear graduations and a writing area for sample identification, these reusable tubes withstand repeated autoclaving cycles.

Specifications

Available in 2mL to 100mL capacities

Choice of snap caps or screw caps

Manufactured from autoclavable polypropylene

Features graduated scales and labeling area

Suitable for repeated sterilization and reuse



Order NO.	Description	Package
CTL05-2P	2mlRound bottom centrifuge tube;Press cap; 10x42mm	500/PK; 5000/CS
CTL05-5P	5mlRound bottom centrifuge tube; Press cap; 13x54mm	300/PK; 3000/CS
CTL05-7P	7mlRound bottom centrifuge tube;Press cap; 14x81mm	200/PK; 2000/CS
CTL05-10P	10mlRound bottom centrifuge tube; Press cap; 14.5x82mm	200/PK; 2000/CS
CTL05-10S	10mlRound bottom centrifuge tube; screw cap; 16x102mm	100/PK; 1000/CS
CTL05-15P	15mlRound bottom centrifuge tube; Press cap; 18x98mm	100/PK; 1000/CS
CTL05-15S	15mlRound bottom centrifuge tube; screw cap; 16x115mm	100/PK; 1000/CS
CTL05-30S	30mlRound bottom centrifuge tube;screw cap; 27.5x107mm	50/PK; 500/CS
CTL05-50P	50mlRound bottom centrifuge tube; Press cap; 28x105mm	50/PK; 500/CS
CTL05-50S	50mlRound bottom centrifuge tube; screw cap; 28.5x115mm	50/PK; 500/CS
CTL05-100P	100mlRound bottom centrifuge tube; Press cap; 38x106mm	30/PK; 300/CS
CTL05-100S	100mlRound bottom centrifuge tube; screw cap; 38x116mm	30/PK; 300/CS

Bioland high speed centrifugal apparatus

High speed centrifuges are available in various capacities from 10ml to 2000ml. At the same time, it provides a variety of bottom shapes such as round bottom, flat bottom and Conical bottom. More abundant provides a variety of sealing structures.

Bioland HIGH-SPEED centrifugals can be adapted to most brands on the market. Such as: Thermofisher, Beckman, Hitachi, Sigma, Eppendorf and other brands. All you need to do is to find the right centrifuge for you from Bioland's centrifuge parameter sheet.

According to the type, it is divided into: centrifugal tube and centrifugal bottle



High-speed centrifugal tube



High-speed centrifugal bottle

From the bottom type is divided into: Flat bottom, Conical bottom, Round bottom



Flat bottom



Conical bottom



Round bottom

From the material is divided into: Polypropylene and Polycarbonate



Polypropylene



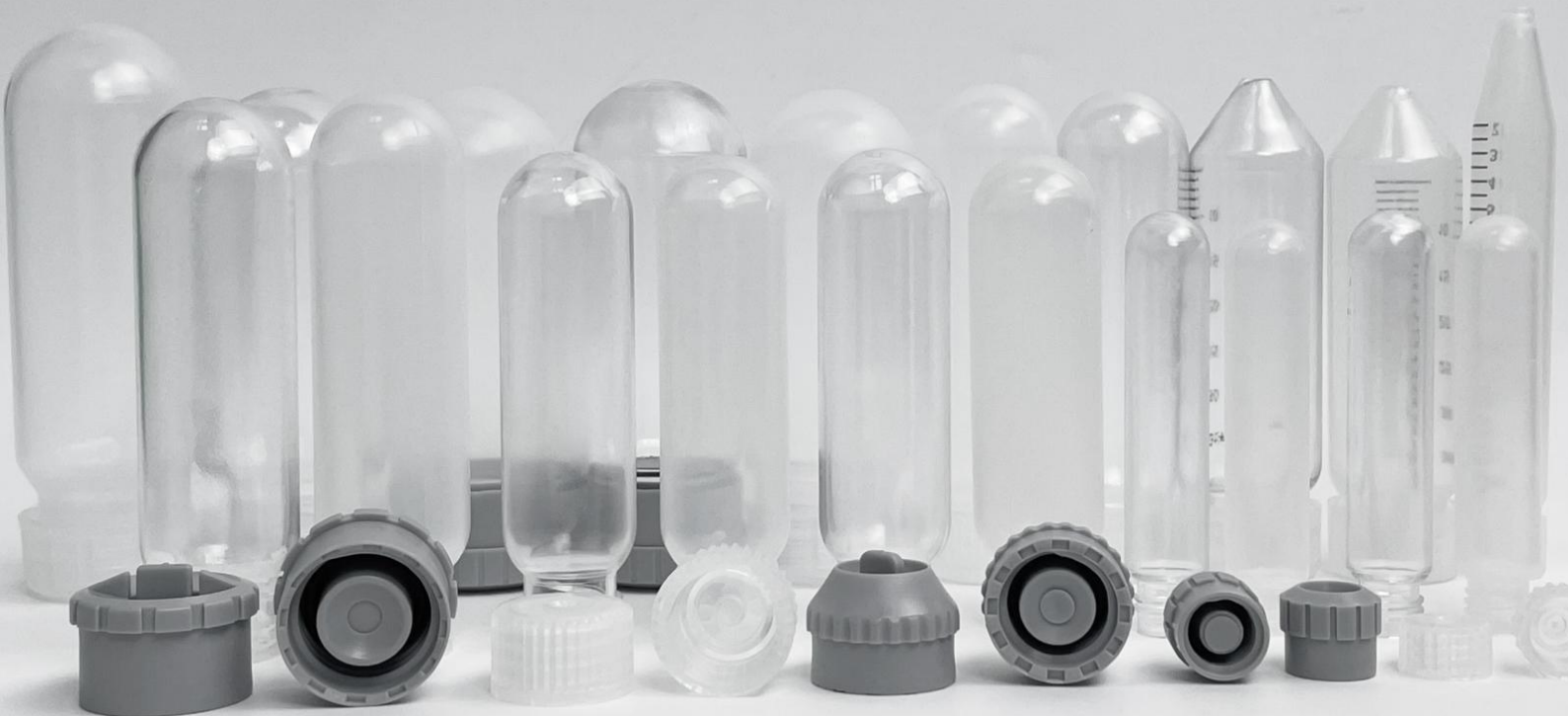
Polycarbonate

Note: High speed centrifuge bottle is not permanent use. Different mechanical strength and centrifugal time, the fatigue degree of the product is different, please arrange the number of repeated use according to the experimental plan



Bioland high speed centrifugal tube

Bioland high speed centrifuge tubes/bottles fit the vast majority of centrifuges on the market. It has good sealing property and can effectively prevent sample leakage. You can choose the product that suits you according to the size table



Bioland™ High speed centrifugal tube

Suitable for most centrifuges on the market.

It has good sealing property and can effectively prevent sample leakage.

Provides flat bottom, conical bottom, round bottom three types of bottom. Various seal cap designs are available to reduce leakage of centrifugal bottles.

The combination seal cover is easier to open.

Centrifugal tubes made of either polypropylene or polycarbonate can be autoclaved at high temperature.

The centrifugal tube made of polypropylene has excellent chemical resistance, and the centrifugal tube made of polycarbonate has excellent light transmission and low temperature resistance.

You can choose the product that suits you according to the size table.

High speed centrifuge tube with gasket seal cap



Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CTH05-S10	10ml	PP	16x81.2	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S30	30ml	PP	25x94	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S50	50ml	PP	28.5x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S100	82ml	PP	38x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S10	10ml	PC	16x82.8	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S30	30ml	PC	25.3x94.5	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S50	50ml	PC	28.5x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S100	82ml	PC	38x105	50000xg	10Pcs/Pk; 100Pcs/Cs

Bioland™ High speed centrifugal tube

Suitable for most centrifuges on the market.

It has good sealing property and can effectively prevent sample leakage.

Provides flat bottom, conical bottom, round bottom three types of bottom. Various seal cap designs are available to reduce leakage of centrifugal bottles.

The combination seal cover is easier to open.

Centrifugal tubes made of either polypropylene or polycarbonate can be autoclaved at high temperature.

The centrifugal tube made of polypropylene has excellent chemical resistance, and the centrifugal tube made of polycarbonate has excellent light transmission and low temperature resistance.

You can choose the product that suits you according to the size table.

High speed centrifuge tube with gasket seal cap

Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CTH05-S10	10ml	PP	16x81.2	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S30	30ml	PP	25x94	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S50	50ml	PP	28.5x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH05-S100	82ml	PP	38x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S10	10ml	PC	16x82.8	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S30	30ml	PC	25.3x94.5	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S50	50ml	PC	28.5x105	50000xg	10Pcs/Pk; 100Pcs/Cs
CTH07-S100	82ml	PC	38x105	50000xg	10Pcs/Pk; 100Pcs/Cs

Centrifuge bottle

Bioland Standard high-speed centrifuge bottle



Polypropylene



Polycarbonate

Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CB05-250	250ml	PP	61.8x123	27000xg	6/pk; 24/cs
CB05-500S	500ml	PP	69.5x169	13500xg	6/pk; 12/cs
CB05-500	500ml	PP	73.5x168	13500xg	6/pk; 12/cs
CB05-1000S	1000ml	PP	97.5x170	7000xg	2/pk; 6/cs
CB05-1000	1000ml	PP	97.5x171	7000xg	2/pk; 6/cs
CB07-250	250ml	PC	61.8x124	27000xg	6/pk; 24/cs
CB07-500S	500ml	PC	69.5x170	13500xg	6/pk; 12/cs
CB07-500	500ml	PC	73.5x169	13500xg	6/pk; 12/cs

Bioland High speed centrifuge bottle with gasket sealing cap



Polypropylene



450ml



Polycarbonate

Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CB05-S250	250ml	PP	61.8x127	27000xg	6/pk; 24/cs
CB05-S450	450ml	PP	68x158	13500xg	6/pk; 12/cs
CB05-S500S	500ml	PP	69.5x173	13500xg	6/pk; 12/cs
CB05-S500	500ml	PP	73.5x173	13500xg	6/pk; 12/cs
CB07-S450	450ml	PC	68x158	13500xg	6/pk; 12/cs
CB07-S500S	500ml	PC	69.5x173	13500xg	6/pk; 12/cs
CB07-S500	500ml	PC	73.5x173	13500xg	6/pk; 12/cs



Bioland™ High speed centrifugal bottle with combined seal lid can be adapted to mainstream centrifuges such as Thermo and Beckman.

Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CB05-C250	250ml	PP	61.8x130	30000xg	6Pcs/Pk; 24Pcs/Cs
CB05-C250A	250ml	PP	61x141	30000xg	6Pcs/Pk; 24Pcs/Cs
CB05-C500S	500ml	PP	69x179	24500xg	6Pcs/Pk; 12Pcs/Cs
CB05-C500	500ml	PP	73.5x177	24500xg	6Pcs/Pk; 12Pcs/Cs
CB05-C500A	500ml	PP	69x171	24500xg	2Pcs/Pk; 6Pcs/Cs
CB05-C1000	1000ml	PP	97x202	20500xg	2Pcs/Pk; 6Pcs/Cs
CB05-C1000A	1000ml	PP	97x202	20500xg	2Pcs/Pk; 6Pcs/Cs
CB05-C1000B	1000ml	PP	97x194	20500xg	2Pcs/Pk; 6Pcs/Cs
CB05-C1000C	1000ml	PP	97x194	20500xg	2Pcs/Pk; 6Pcs/Cs
CB05-C1000P	1000ml	PP	95x220	20500xg	2Pcs/Pk; 6Pcs/Cs
CB07-C500A	500ml	PC	69x171	24500xg	6Pcs/Pk; 12Pcs/Cs
CB07-C1000A	1000ml	PC	97x202	20500xg	2Pcs/Pk; 6Pcs/Cs

CB07-C1000B	1000ml	PC	97x194	20500xg	2Pcs/Pk; 6Pcs/Cs
CB07-C1000C	1000ml	PC	97x194	20500xg	2Pcs/Pk; 6Pcs/Cs

Bioland™ Rectangular centrifugal bottle



Order number	Maximum capacity(ml)	Material	Size(mm)	Centrifugal force(Xg)	Packing Quantity
CB02-D1500	1500ml	HDPE	157x95x168	6800xg	2Pcs/Pk; 6Pcs/Cs
CB05-D1500	1500ml	PP	157x95x168	6800xg	2Pcs/Pk; 6Pcs/Cs
CB05-D2000A	2000ml	PP	189x97.5x190	6800xg	2Pcs/Pk; 6Pcs/Cs
CB05-D2000B	2000ml	PP	175x111x210	6800xg	2Pcs/Pk; 6Pcs/Cs
CB05-D2400	2400ml	PP	178x113x187	6800xg	2Pcs/Pk; 6Pcs/Cs

Bioland™ PP Conical-Bottom Centrifuge Bottle

Process large batches more easily with centrifuge tubes, which are made from high-purity resins and can resist forces up to 7000 RCF.

Made of polypropylene material; sterility

Excellent chemical resistance

Available in 175ml, 250ml and 500ml sizes

The 175ml, 250ml and 500ml all have leak-proof sealing caps



Order number	Description	Package
PBC05-175	Wide mouth Conical-Bottom; 175ml; Diameter * Height: 61x130mm	1/PK; 40/CS
PBC05-250	Wide mouth Conical-Bottom; 250ml; Diameter * Height: 61x164mm	1/PK; 40/CS
PBC06-250	Narrow mouth Conical-Bottom; 250ml; Diameter * Height: 60x164mm	1/PK; 102/CS
PBC06-500	Narrow mouth Conical-Bottom; 500ml; Diameter * Height: 95x148mm	1/PK; 40/CS

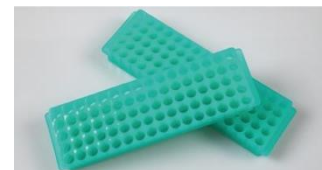
Bioland™ Microcentrifuge tube Rack

Made of polypropylene material

Excellent chemical resistance; Can be autoclaved at high temperature

Suitable for 1.5ml and 2.0ml microcentrifuge tubes

Order number	Description	Package
CF015-60	60-holes for 1.5ml and 2.0ml	1/PK; 50/CS
CF015-80	80-holes for 1.5ml and 2.0ml	1/PK; 50/CS
CF015-96	96-holes for 1.5ml and 2.0ml	1/PK; 50/CS



Bioland™ Conical Centrifuge Tube Rack

Made of polypropylene material

Excellent chemical resistance; Can be autoclaved at high temperature

Order number	Description	Package
CF05-15	15-holes for 5ml and 15ml	1/PK; 50/CS
CF15-25	25-holes for 15ml	1/PK; 50/CS
CF50-25	25-holes for 50ml	1/PK; 50/CS



Bioland™ Conical-Bottom Centrifuge Bottle Rack

Made of stainless steel and ABS coating

Suitable for Bioland™ tip bottomed bottles, Corning tip bottomed bottles, NUNC tip

Order number	Description	Package
SCF09-250	Suitable for 225-250ml centrifugal bottles	Individual package
SCF09-500	Suitable for 450-500ml centrifugal bottles	Individual package



Bioland™ Plexiglass Aggreko centrifugal tube Rack

Made of transparent plexiglass

0.5ml, 1.5ml, 2.0ml, 5ml, 7ml, 10ml, 15ml, 50ml various specifications

Order number	Description	Package
PTF-152-24	24-holes for 1.5ml and 2.0ml aperture : 11mm	Individual package
PTF-152-40	40-holes for 1.5ml and 2.0ml aperture : 11mm	Individual package
PTF-152-48	48-holes for 1.5ml and 2.0ml aperture : 11mm	Individual package
PTF-050-24	24-holes for 5ml aperture : 14mm	Individual package
PTF-050-40	40-holes for 5ml aperture : 14mm	Individual package
PTF-710-24	24-holes for 7ml and 10ml aperture : 16mm	Individual package
PTF-710-40	40-holes for 7ml and 10ml aperture : 16mm	Individual package
PTF-1015-24	24-holes for 10ml and 15ml aperture : 16mm	Individual package
PTF-1015-40	40-holes for 10ml and 15ml aperture : 16mm	Individual package
PTF-500-8	8-holes for 50ml aperture : 29mm	Individual package
PTF-500-10	10-holes for 50ml aperture : 29mm	Individual package
PTF-500-20	20-holes for 50ml aperture : 29mm	Individual package



Bioland™ Disposable vacuum filter/sterilizing filter

Self-contained filter system with filter funnel (top filter) receiving bottle and interface.

Pre-filtration is very convenient and is an ideal tool for removing bacteria or impurities from a large number of biological liquids in the laboratory

Polyether sulfone (PES), cellulose acetate (CA), polyvinylidene fluoride (PVDF) and other microporous filter membranes are provided

Different membrane pore sizes can be used for the treatment of different biological liquids.

Ergonomic design, the upper and lower containers are graduated, making the filtration more convenient and easy to operate

Filtration efficiency (0.22μm): LRV > 7 deficient Shortwave monomonas, ATCC19146, ASTM Bacterial Challenge test

Sterile, RNase/DNase-free, Non-pyrogenic, Non-cytotoxic, no surfactant, very low extraction

Biosafety testing, USP<87>, USP<88>

Single-use, pre-sterilized with gamma rays

Very low protein adsorption rate <1.5% (PES)

Ultra-high flow rates and fluxes filter liquids faster and more

The GL45 interface is suitable for conventional laboratory receiving containers.

A 0.1μm aperture can be used for mycoplasma removal in liquids

The pore size of 0.22μm can be used for debacterialization and filtration of liquid

The aperture of 0.45μm can be used for liquid clarification and filtration



Order number	Description	Package
Bioland™ Disposable vacuum filter/Sterilizing filter; Polyethersulfone membrane (PES)		
PES50-S250	250ml; PES membrane; Diameter: 50mm; Aperture: 0.1μm	1/PK; 12/CS
PES90-S500	500ml; PES membrane; Diameter: 90mm; Aperture: 0.1μm	1/PK; 12/CS
PES90-S1000	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.1μm	1/PK; 12/CS
PES50-250	250ml; PES membrane; Diameter: 50mm; Aperture: 0.22μm	1/PK; 12/CS
PES75-500	500ml; PES membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
PES90-1000	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
PES50-L250	250ml; PES membrane; Diameter: 50mm; Aperture: 0.45μm	1/PK; 12/CS
PES90-L500	500ml; PES membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS
PES90-L1000	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS
Bioland™ Disposable vacuum filter/Sterilizing filter; Polyvinylidene fluoride membrane (PVDF)		
PVDF50-S250	250ml; PVDF membrane; Diameter: 50mm; Aperture: 0.1μm	1/PK; 12/CS
PVDF90-S500	500ml; PVDF membrane; Diameter: 90mm; Aperture: 0.1μm	1/PK; 12/CS
PVDF90-S1000	1000ml; PVDF membrane; Diameter: 90mm; Aperture: 0.1μm	1/PK; 12/CS
PVDF50-250	250ml; PVDF membrane; Diameter: 50mm; Aperture: 0.22μm	1/PK; 12/CS
PVDF75-500	500ml; PVDF membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
PVDF90-1000	1000ml; PVDF membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
PVDF50-L250	250ml; PVDF membrane; Diameter: 50mm; Aperture: 0.45μm	1/PK; 12/CS
PVDF90-L500	500ml; PVDF membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS
PVDF90-L1000	1000ml; PVDF membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS
Bioland™ Disposable vacuum filter/Sterilizing filter; Cellulose acetate membrane (CA)		
CA50-250	250ml; CA membrane; Diameter: 50mm; Aperture: 0.22μm	1/PK; 12/CS
CA75-500	500ml; CA membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
CA90-1000	1000ml; CA membrane; Diameter: 90mm; Aperture: 0.22μm	1/PK; 12/CS
CA50-L250	250ml; CA membrane; Diameter: 50mm; Aperture: 0.45μm	1/PK; 12/CS
CA90-L500	500ml; CA membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS
CA90-L1000	1000ml; CA membrane; Diameter: 90mm; Aperture: 0.45μm	1/PK; 12/CS

Bioland™ Disposable Sterile Top Filter

It provides polyether sulfone (PES), cellulose acetate (CA), polyvinylidene fluoride (PVDF) and other microporous filter membranes, which can be used for the treatment of different biological liquids.

Single-use, pre-sterilized with gamma rays

Filtration efficiency (0.22μm): LRV > 7 deficient Shortwave monomonas,

ATCC19146, ASTM Bacterial Challenge test

Biosafety testing, USP<87>, USP<88>

Sterile, RNase/DNase-free, Non-pyrogenic, Non-cytotoxic, no surfactant, very low extraction

Very low protein adsorption rate <1.5% (PES)

Ultra-high flow rates and fluxes filter liquids faster and more

The GL45 interface is suitable for conventional laboratory receiving containers.

Ergonomic design, the upper and lower containers are graduated, making the filtration more convenient and easy to operate



Order number	Description	Package
Bioland™ Top Filter; Polyethersulfone membrane (PES)		
PES50-S250N	250ml; PES membrane; Diameter: 50mm; Aperture: 0.1um	1/PK; 24/CS
PES90-S500N	500ml; PES membrane; Diameter: 90mm; Aperture: 0.1um	1/PK; 24/CS
PES90-S1000N	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.1um	1/PK; 24/CS
PES50-250N	250ml; PES membrane; Diameter: 50mm; Aperture: 0.22um	1/PK; 24/CS
PES75-500N	500ml; PES membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
PES90-1000N	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
PES50-L250N	250ml; PES membrane; Diameter: 50mm; Aperture: 0.45um	1/PK; 24/CS
PES90-L500N	500ml; PES membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS
PES90-L1000N	1000ml; PES membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS
Bioland™ Top Filter; Polyvinylidene fluoride membrane (PVDF)		
PVDF50-250N	250ml; PVDF membrane; Diameter: 50mm; Aperture: 0.22um	1/PK; 24/CS
PVDF75-500N	500ml; PVDF membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
PVDF90-1000N	1000ml; PVDF membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
PVDF50-L250N	250ml; PVDF membrane; Diameter: 50mm; Aperture: 0.45um	1/PK; 24/CS
PVDF90-L500N	500ml; PVDF membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS
PVDF90-L1000N	1000ml; PVDF membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS
Bioland™ Top Filter; Cellulose acetate membrane (CA)		
CA50-250N	250ml; CA membrane; Diameter: 50mm; Aperture: 0.22um	1/PK; 24/CS
CA75-500N	500ml; CA membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
CA90-1000N	1000ml; CA membrane; Diameter: 90mm; Aperture: 0.22um	1/PK; 24/CS
CA50-L250N	250ml; CA membrane; Diameter: 50mm; Aperture: 0.45um	1/PK; 24/CS
CA90-L500N	500ml; CA membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS
CA90-L1000N	1000ml; CA membrane; Diameter: 90mm; Aperture: 0.45um	1/PK; 24/CS

Bioland™ Sterile filter Receiving Bottle/Storage Bottle

The use of radiation sterilization can reduce the contamination of the sample.

Use with Bioland™™Top Filter or as a container to store media.

GL45 connector, screw cap, leak proof

Biosafety testing, USP<87>, USP<88>

RNase/DNase-free

Human DNA-free

Non-pyrogenic

Non-cytotoxic

Sterile

Order number	Description	Package
GL06-250	250ml, Bottle body PS, Cap HDPE	1/PK; 24/CS
GL06-500	500ml, Bottle body PS, Cap HDPE	1/PK; 24/CS
GL06-1000	1000ml, Bottle body PS, Cap HDPE	1/PK; 24/CS



Bioland™ High borosilicate solvent filter

High borosilicate glass material

42mm sand chips or 47mm and 50mm filters are available

Resistant to most aqueous and organic solvents

Can be autoclaved

Order NO.	Description	Package
HG09-250	High borosilicate solvent filter; 250ml	1 Set/Cs
HG09-500	High borosilicate solvent filter; 500ml	1 Set/Cs
HG09-1000	High borosilicate solvent filter; 1000ml	1 Set/Cs
HG09-2000	High borosilicate solvent filter; 2000ml	1 Set/Cs
HG09-3000	High borosilicate solvent filter; 3000ml	1 Set/Cs
HG09-5000	High borosilicate solvent filter; 5000ml	1 Set/Cs
HG09-10000	High borosilicate solvent filter; 10000ml	1 Set/Cs



Bioland™ Stainless steel multiplex filter

The filter bracket is equipped with an independent control valve for each bracket, allowing for flexible and convenient disinfection with high efficiency.

It has the capability to simultaneously detect three or six samples with high sensitivity, low false positive rate, and simple operation. Constructed from 316L sanitary grade stainless steel material, it is resistant to acid and alkali corrosion and can be easily disinfected at high temperatures, ensuring stable and reliable analysis results.

The aluminum clip's tight design facilitates easy combination of the filter cup with the middle filter head, ensuring a strict seal without any leakage.

Widely utilized in chemical analysis, biochemical pharmaceuticals, health inspection, environmental testing, water quality analysis, food and beverage industries as well as scientific research.



Order NO.	Description	Package
SSF3-300	Stainless steel multiplex filter; 3 Channels*300ml	1Set/Cs
SSF3-500	Stainless steel multiplex filter; 3 Channels*500ml	1Set/Cs
SSF6-300	Stainless steel multiplex filter; 6 Channels*300ml	1Set/Cs
SSF6-500	Stainless steel multiplex filter; 6 Channels*500ml	1Set/Cs



Bioland™ Microporous filtration membrane

Available microporous filtration membranes include: polyether sulfone membrane (PES), mixed cellulose membrane (MCE), Nylon (Nylon), polyvinylidene fluoride membrane (PVDF), polytetrafluoroethylene membrane (PTFE), polypropylene membrane (PP), glass fiber membrane (GF), cellulose acetate membrane (CA), cellulose nitrate membrane (NC), etc. Diameter 13mm ~ 293mm, aperture 0.1 μm ~ 10 μm , etc., at the same time can be customized according to user needs of other specifications of the disc film.

In particular, 0.7 μm /1.0 μm /1.2 μm /1.6 μm /2.7 μm glass fiber membrane has a wide range of applications in kit production, DNA adsorption and purification, food industry and protein precipitation..

High porosity

High flow rate

High purity

High strength

Diversification of membrane size

Bioland™ Cellulose acetate filter membrane (CA filter membrane)

Made of pure cellulose acetate, it is ideal for biological sample preparation, clinical analysis, sterility testing and scintillation count testing.

The protein adsorption of cellulose acetate is extremely low

Naturally hydrophilic, suitable for aqueous solution and alcohol medium

Compared with ordinary vinegar fiber membrane, it has higher solvent resistance, especially to low molecular alcohols

Improved thermal stability and physical strength, can withstand 180°C high temperature

Suitable for all sterilization methods without damaging the integrity of the membrane

Order NO.	Description	Package
CA13-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
CA13-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK
CA25-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
CA25-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
CA47-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
CA47-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
CA50-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
CA50-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
CA90-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK
CA90-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
CA142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
CA142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK



Bioland™ Nitrocellulose filter membrane (NC filter membrane)

Nitrocellulose membranes (NC membranes) are used in most everyday applications and are produced under strictly controlled conditions. Bioland™ nitrocellulose membranes ensure a very narrow pore size distribution and extremely low extraction dissolution levels, with excellent biocompatibility, increased strength and flexibility, all of which can benefit the end user.

The nitrocellulose membrane is more robust and can maintain the integrity of the membrane itself during the whole process of picking, loading and sterilization

Maintained good integrity after sterilization at 121°C

Fold shrinkage is low

Accurate aperture distribution improves surface capture and analysis

Low level of dissolution ensures sample integrity

Sample preparation, water quality analysis, food and beverage quality control, aqueous filtration, bactericidal filtration, mycoplasma removal

Order NO.	Description	Package
NC13-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
NC13-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK
NC25-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NC25-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NC47-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NC47-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NC50-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NC50-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NC90-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK



NC90-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
NC142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
NC142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK

Bioland™ Mixed cellulose ester filter membrane (MCE filter membrane)

The mixed cellulose ester film was made of cellulose nitrate (NC) and cellulose acetate (CA). Compared with the purer nitrate cellulose film, the mixed cellulose film has better flatness and uniformity, providing better contrast for the detection of particles and microorganisms, and reducing eye fatigue. Mixed cellulose membranes are very effective in applications that require higher flow rates and larger filtration capacities..

Strong contrast, easy particle detection

The filter membrane provides a high internal surface area

and is suitable for products with higher adsorption power

Higher load capacity, good thermal stability

Biological inertia, good thermal stability

No surfactant, will not contaminate the sample

The uniform membrane microporous structure increases the flow rate

Order NO.	Description	Package
MCE13-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
MCE13-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK
MCE25-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
MCE25-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
MCE47-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
MCE47-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
MCE50-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
MCE50-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
MCE90-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK
MCE90-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
MCE142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
MCE142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK



Bioland™ Polyethersulfone membrane (PES membrane)

Polyether sulfone membrane (PES membrane) has natural hydrophilicity. Compared with other membrane varieties, PES membrane has very good water wetness, so polyether sulfone membrane (PES membrane) has high water flux. PES membrane showed very low protein adsorption capacity and was widely used in food, medicine and other fields.

Asymmetric membrane pore structure, with higher water flux

High strength, high flow rate, pH: 2-12

Low eluate and low protein adsorption

Particle retention rate: >99.99%

Can be autoclaved at high temperature

Can have good high temperature resistance and acid-proof alkaline

Order NO.	Description	Package
PES13-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
PES13-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK



PES25-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PES25-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PES47-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PES47-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PES50-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PES50-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PES90-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK
PES90-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
PES142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
PES142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK

Bioland™ Nylon membrane (Nylon membrane)

High quality Nylon membrane (Nylon membrane) is suitable for filtering aqueous solutions and most organic solutions, widely used in biological sample preparation and filtration of other membranes are not suitable or difficult to use. Nylon film (Nylon film) has good hydrophilicity and no wetting agent, because any microporous filter film containing wetting agent will be extracted in the filtration of aqueous solution or organic solvent and pollute the sample

Good flexibility, durability, tear resistance

It can be sterilized at 135°C

High protein binding, suitable for protein-free aqueous solution and organic solution, alcohol and DMSO resistance, pH: 2-13

For filtration of aqueous and organic mobile phases, vacuum pump degassing, tissue media, microbial media, buffer solution and solution filtration

Order NO.	Description	Package
NY6613-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
NY6613-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK
NY6625-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NY6625-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NY6647-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NY6647-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NY6650-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
NY6650-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
NY6690-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK
NY6690-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
NY66142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
NY66142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK



Bioland™ Polyteflon filter membrane (PTFE filter membrane)

The main application of PTFE filter membrane is to clarify those corrosive agents, organic solvents and strong oxidizing solutions. Including the preparation of liquid samples before the HPLC machine, to avoid the entry of foreign particles and damage to the chromatographic column, generally using 0.45um aperture. Air and gas sterilization using polytetrafluoroethylene membrane (PTFE film) hydrophobic, blocking gaseous water, usually use 0.2um and 0.45um pore size, online sterilization application must use 0.2um pore size. The use of 0.2um polytetrafluoroethylene membrane (PTFE membrane) is required for multi-head vacuuming units, fermenters and sterile respirators for sterile filtration tubes and containers.

The chemical stability and inertness of polytetrafluorylene filter membrane (PTFE filter membrane) make it suitable for highly corrosive organic solvents, strong acids and strong bases

Polytetrafluoroethylene (PTFE) filter membrane is also very suitable for HPLC sample preparation

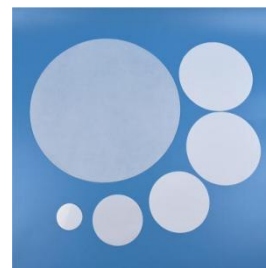
Its natural hydrophobicity is also ideal for air and gas sterilization

Can be used at temperatures up to 120°C

The hydrophobic polytetrafluoroethylene filter membrane (PTFE filter membrane) can effectively block gaseous water and aerosol

Suitable for the filtration of strong corrosive solutions, organic solutions and gases, pH:1-14

Order NO.	Description	Package
PTFE13-022	Diameter 13mm;Pore size 0.22um; hydrophilic	200Pcs/PK
PTFE13-045	Diameter 13mm;Pore size 0.45um; hydrophilic	200Pcs/PK
PTFE25-022	Diameter 25mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE25-045	Diameter 25mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE47-022	Diameter 47mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE47-045	Diameter 47mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE50-022	Diameter 50mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE50-045	Diameter 50mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PTFE90-022	Diameter 90mm;Pore size 0.22um; hydrophilic	50Pcs/PK
PTFE90-045	Diameter 90mm;Pore size 0.45um; hydrophilic	50Pcs/PK
PTFE142-022	Diameter 142mm;Pore size 0.22um; hydrophilic	50Pcs/PK
PTFE142-045	Diameter 142mm;Pore size 0.45um; hydrophilic	50Pcs/PK
PTFE13-022W	Diameter 13mm;Pore size 0.22um; hydrophobic	200Pcs/PK
PTFE13-045W	Diameter 13mm;Pore size 0.45um; hydrophobic	200Pcs/PK
PTFE25-022W	Diameter 25mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE25-045W	Diameter 25mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE47-022W	Diameter 47mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE47-045W	Diameter 47mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE50-022W	Diameter 50mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE50-045W	Diameter 50mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PTFE90-022W	Diameter 90mm;Pore size 0.22um; hydrophobic	50Pcs/PK
PTFE90-045W	Diameter 90mm;Pore size 0.45um; hydrophobic	50Pcs/PK
PTFE142-022W	Diameter 142mm;Pore size 0.22um; hydrophobic	50Pcs/PK
PTFE142-045W	Diameter 142mm;Pore size 0.45um; hydrophobic	50Pcs/PK



Bioland™ Poly (vinylidene fluoride Filter membrane (PVDF filter membrane)

Low protein binding, suitable for general biological filtration, not suitable for filtration of strong corrosive liquids, can not tolerate acetone, DMSO, THF, DMF, dichloromethane, chloroform, etc

High mechanical strength and tenacity

High wear resistance

High permeability resistance to gases and liquids

Thermal stability is good

High wear resistance

Having both rigid and flexible forms

Resistance to UV and nuclear radiation

Impact resistance, high weather resistance

Both hydrophilic and hydrophobic filter membranes are provided

Resistant to most chemicals and solvents pH:2-12

Order NO.	Description	Package
PVDF13-022	Diameter 13mm;Pore size 0.22um; hydrophilic	200Pcs/PK
PVDF13-045	Diameter 13mm;Pore size 0.45um; hydrophilic	200Pcs/PK
PVDF25-022	Diameter 25mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF25-045	Diameter 25mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF47-022	Diameter 47mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF47-045	Diameter 47mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF50-022	Diameter 50mm;Pore size 0.22um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF50-045	Diameter 50mm;Pore size 0.45um; hydrophilic	50Pcs/PK; 100Pcs/Box
PVDF90-022	Diameter 90mm;Pore size 0.22um; hydrophilic	50Pcs/PK
PVDF90-045	Diameter 90mm;Pore size 0.45um; hydrophilic	50Pcs/PK
PVDF142-022	Diameter 142mm;Pore size 0.22um; hydrophilic	50Pcs/PK
PVDF142-045	Diameter 142mm;Pore size 0.45um; hydrophilic	50Pcs/PK
PVDF13-022W	Diameter 13mm;Pore size 0.22um; hydrophobic	200Pcs/PK
PVDF13-045W	Diameter 13mm;Pore size 0.45um; hydrophobic	200Pcs/PK
PVDF25-022W	Diameter 25mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF25-045W	Diameter 25mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF47-022W	Diameter 47mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF47-045W	Diameter 47mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF50-022W	Diameter 50mm;Pore size 0.22um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF50-045W	Diameter 50mm;Pore size 0.45um; hydrophobic	50Pcs/PK; 100Pcs/Box
PVDF90-022W	Diameter 90mm;Pore size 0.22um; hydrophobic	50Pcs/PK
PVDF90-045W	Diameter 90mm;Pore size 0.45um; hydrophobic	50Pcs/PK
PVDF142-022W	Diameter 142mm;Pore size 0.22um; hydrophobic	50Pcs/PK
PVDF142-045W	Diameter 142mm;Pore size 0.45um; hydrophobic	50Pcs/PK



Bioland™ Polypropylene filter membrane (PP filter membrane)

Polypropylene filter membrane is made of polypropylene microfiber hot melt adhesion together, is a kind of membrane material belonging to deep filtration.

Non-toxic, can be widely used in medicine, chemical, food, beverage and other fields

Excellent chemical resistance, it can resist acid, alkali, solvent, including polar solvent (except benzene xylene)

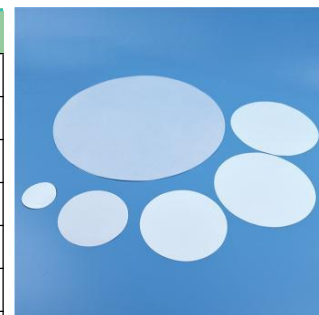
High temperature resistance, can be 121°C, 30 minutes hot pressing disinfection, working temperature below 100°C

Good strength, no deformation, no media fall off, no re-pollution

Low resistance, fast flow

Polypropylene filter membrane is hydrophobic, especially for gas filtration

Order NO.	Description	Package
PP13-022	Diameter 13mm;Pore size 0.22um	200Pcs/PK
PP13-045	Diameter 13mm;Pore size 0.45um	200Pcs/PK
PP25-022	Diameter 25mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PP25-045	Diameter 25mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PP47-022	Diameter 47mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PP47-045	Diameter 47mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PP50-022	Diameter 50mm;Pore size 0.22um	50Pcs/PK; 100Pcs/Box
PP50-045	Diameter 50mm;Pore size 0.45um	50Pcs/PK; 100Pcs/Box
PP90-022	Diameter 90mm;Pore size 0.22um	50Pcs/PK
PP90-045	Diameter 90mm;Pore size 0.45um	50Pcs/PK
PP142-022	Diameter 142mm;Pore size 0.22um	50Pcs/PK
PP142-045	Diameter 142mm;Pore size 0.45um	50Pcs/PK



Bioland™ Polycarbonate filter membrane (PC filter membrane)

Polycarbonate membrane is hydrophilic, high chemical cleanliness, no impurities, low water adsorption performance, non-specific protein binding level is low.

It does not adhere to the stain and has a large optical contrast, which is conducive to the observation under the microscope

True surface interception allows easy sample determination and shorter analysis time

There are completely transparent track etched films to choose from

Low adsorption, filtrate adsorption amount is negligible, no moisture absorption

No crumbs, filtrate cleanliness is high

Biological inertia

Order NO.	Description	Package
PC25-001	Diameter 25mm;Pore size 0.1um	50Pcs/PK; 100Pcs/Box
PC25-002	Diameter 25mm;Pore size 0.2um	50Pcs/PK; 100Pcs/Box
PC25-004	Diameter 25mm;Pore size 0.4um	50Pcs/PK; 100Pcs/Box
PC25-010	Diameter 25mm;Pore size 1um	50Pcs/PK; 100Pcs/Box
PC25-020	Diameter 25mm;Pore size 2um	50Pcs/PK; 100Pcs/Box
PC25-030	Diameter 25mm;Pore size 3um	50Pcs/PK; 100Pcs/Box
PC25-050	Diameter 25mm;Pore size 5um	50Pcs/PK; 100Pcs/Box
PC25-080	Diameter 25mm;Pore size 8um	50Pcs/PK; 100Pcs/Box
PC47-001	Diameter 47mm;Pore size 0.1um	50Pcs/PK; 100Pcs/Box
PC47-002	Diameter 47mm;Pore size 0.2um	50Pcs/PK; 100Pcs/Box



PC47-004	Diameter 47mm;Pore size 0.4um	50Pcs/PK; 100Pcs/Box
PC47-010	Diameter 47mm;Pore size 1um	50Pcs/PK; 100Pcs/Box
PC47-020	Diameter 47mm;Pore size 2um	50Pcs/PK; 100Pcs/Box
PC47-030	Diameter 47mm;Pore size 3um	50Pcs/PK; 100Pcs/Box
PC47-050	Diameter 47mm;Pore size 5um	50Pcs/PK; 100Pcs/Box
PC47-080	Diameter 47mm;Pore size 8um	50Pcs/PK; 100Pcs/Box

Bioland™ Glass fiber filter membrane (GF filter membrane)

Glass microfiber filter paper is made of 100% borosilicate glass and is divided into two types: adhesive and non-adhesive. Fast flow rate and high load. Very fine particles can be trapped down to the submicron range. Can withstand high temperature up to 550°C. Ideal for air filtration and gravimetric analysis of volatile substances after burning. Glass microfiber filter paper has a capillary structure, which can absorb more liquid than the equivalent cellulose filter paper, making it suitable for spot testing and liquid flash counting methods. The filter paper can be made completely transparent for subsequent microscopic observation.

GF/F: 0.7um Non-adhesive glass microfiber filter membrane

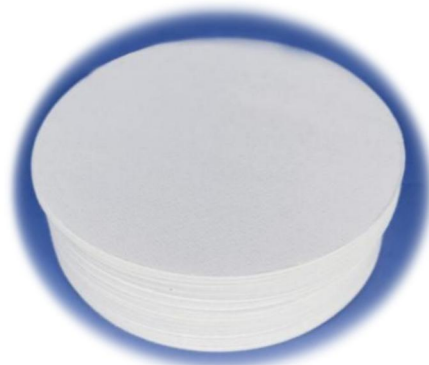
Can intercept 0.7 um particles. It has very fast flow rate and very high load capacity. It meets the strict requirements of EPA for the filter particle retention size of 0.6-0.8um and the structure of pure borosilicate glass. It is also used for DNA binding and purification. Very effective in filtering protein precipitation, GF/F is used in combination with GF/D to clarify biochemical solutions and nucleic acids that are extremely difficult to filter.

GF/B: 1.0um Non-adhesive glass microfiber filter membrane

With high wet strength and high load characteristics. Good retention of small particles, fast flow rate. Suitable for liquid clarification or solid quantitative analysis of turbid particle suspensions. It can be used as a fine interception membrane prefiltration membrane, and can also be used in liquid scintillation counting (LSC) technology.

GF/C: 1.2um Non-adhesive glass microfiber filter membrane

Fine particulate matter has good retention and fast flow rate. Standard glass fiber filter paper for the detection of total suspended solids in drinking water, natural and industrial wastewater. It can quickly and efficiently clarify small particulate water liquids. Detection of total suspended solids (TSS) and total dissolved solids (TDS) in water. It is also used in the field of cell harvesting, LSC and affinity analysis with high load requirements on the filter membrane.



GF/A: 1.6um Non-adhesive glass microfiber filter membrane

Fine particles have good retention, fast flow speed and high load capacity. It can be used for efficient filtration in the laboratory, such as wastewater filtration in industrial wastewater monitoring, algal and bacterial cultures, food analysis, protein filtration, and radioimmunoassays for weak beta rays. Recommended for gravimetric determination of airborne particles, smoke sampling and adsorption monitoring of atmospheric pollution.

GF/D: 2.7um Non-adhesive glass microfiber filter membrane

Faster flow rate and overall filtration speed. The filter paper is

very thick and has a high load capacity. As a filter membrane pre-filter membrane, it can effectively extend the service life of the filter membrane with small aperture. When combined with GF/F, GF/B, GF/C, GF/A, efficient gradient prefiltration membranes can be formed.

GF/10 Glass microfiber filter membrane with adhesive

Used for infrared weighing and automatic air filtration device in the roller filter membrane.

Grade	Pore size	Thickness	Resistance temperature	Velocity of flow
GF/F	0.7um	420um	550°C	41 ml/min
GF/B	1.0um	675um	550°C	81 ml/min
GF/C	1.2um	260um	550°C	105 ml/min
GF/A	1.6um	260um	550°C	143 ml/min

GF/D	2.7um	675um	550°C	681 ml/min
GF/10	—	350um	180°C	Medium speed
Order NO.	Description			Package
GF25-007	Diameter 25mm;Pore size 0.7um			50Pcs/PK; 100Pcs/Box
GF25-010	Diameter 25mm;Pore size 1um			50Pcs/PK; 100Pcs/Box
GF25-012	Diameter 25mm;Pore size 1.2um			50Pcs/PK; 100Pcs/Box
GF25-016	Diameter 25mm;Pore size 1.6um			50Pcs/PK; 100Pcs/Box
GF25-027	Diameter 25mm;Pore size 2.7um			50Pcs/PK; 100Pcs/Box
GF25-100	GF/10 Diameter 25mm			50Pcs/PK; 100Pcs/Box
GF47-007	GF/F Diameter 47mm;Pore size 0.7um			50Pcs/PK; 100Pcs/Box
GF47-010	GF/B Diameter 47mm;Pore size 1um			50Pcs/PK; 100Pcs/Box
GF47-012	GF/C Diameter 47mm;Pore size 1.2um			50Pcs/PK; 100Pcs/Box
GF47-016	GF/A Diameter 47mm;Pore size 1.6um			50Pcs/PK; 100Pcs/Box
GF47-027	GF/D Diameter 47mm;Pore size 2.7um			50Pcs/PK; 100Pcs/Box
GF47-100	GF/10 Diameter 47mm			50Pcs/PK; 100Pcs/Box
GF90-007	GF/F Diameter 90mm;Pore size 0.7um			50Pcs/PK
GF90-010	GF/B Diameter 90mm;Pore size 1um			50Pcs/PK
GF90-012	GF/C Diameter 90mm;Pore size 1.2um			50Pcs/PK
GF90-016	GF/A Diameter 90mm;Pore size 1.6um			50Pcs/PK
GF90-027	GF/D Diameter 90mm;Pore size 2.7um			50Pcs/PK
GF90-100	GF/10 Diameter 90mm			50Pcs/PK
GF110-007	GF/F Diameter 110mm;Pore size 0.7um			50Pcs/PK
GF110-010	GF/B Diameter 110mm;Pore size 1um			50Pcs/PK
GF110-012	GF/C Diameter 110mm;Pore size 1.2um			50Pcs/PK
GF110-016	GF/A Diameter 110mm;Pore size 1.6um			50Pcs/PK
GF110-027	GF/D Diameter 110mm;Pore size 2.7um			50Pcs/PK
GF110-100	GF/10 Diameter 110mm			50Pcs/PK
GF125-007	GF/F Diameter 125mm;Pore size 0.7um			50Pcs/PK
GF125-010	GF/B Diameter 125mm;Pore size 1um			50Pcs/PK
GF125-012	GF/C Diameter 125mm;Pore size 1.2um			50Pcs/PK
GF125-016	GF/A Diameter 125mm;Pore size 1.6um			50Pcs/PK
GF125-027	GF/D Diameter 125mm;Pore size 2.7um			50Pcs/PK
GF125-100	GF/10 Diameter 125mm			50Pcs/PK
GF142-007	GF/F Diameter 142mm;Pore size 0.7um			50Pcs/PK
GF142-010	GF/B Diameter 142mm;Pore size 1um			50Pcs/PK
GF142-012	GF/C Diameter 142mm;Pore size 1.2um			50Pcs/PK
GF142-016	GF/A Diameter 142mm;Pore size 1.6um			50Pcs/PK
GF142-027	GF/D Diameter 142mm;Pore size 2.7um			50Pcs/PK
GF142-100	GF/10 Diameter 142mm			50Pcs/PK
GF150-007	GF/F Diameter 150mm;Pore size 0.7um			50Pcs/PK
GF150-010	GF/B Diameter 150mm;Pore size 1um			50Pcs/PK
GF150-012	GF/C Diameter 150mm;Pore size 1.2um			50Pcs/PK
GF150-016	GF/A Diameter 150mm;Pore size 1.6um			50Pcs/PK
GF150-027	GF/D Diameter 150mm;Pore size 2.7um			50Pcs/PK
GF150-100	GF/10 Diameter 150mm			50Pcs/PK

Bioland™ Non-Sterile Syringe Filter

The Syringe Filter produced by the clean workshop has good consistency between batches, which ensures the quality and use value of the product to the greatest extent from the raw materials and production process, and the filtration effect is first-class. Can provide a variety of filter membrane materials and specifications, can also be developed according to customer needs. At present, the commonly used filter materials are: Nylon (Nylon), polyvinylidene fluoride (PVDF), polytetrafluoroethylene (PTFE), mixed cellulose (MCE), cellulose acetate (CA), polypropylene (PP), polyether sulfone (PES) and so on. Widely used in HPLC, GC and other sample preparation and industrial production laboratory quality detection.

Features:

Low dissolution

The particle retention rate is higher than 99%

Fast speed

High flux

Threaded interface design

Strong pressure resistance

Optional glass fiber pre-filter for increased throughput



Typical applications:

Food industry: alcohol, beverage and other terminal filtration

Chromatographic analysis: HPLC/GC sample pretreatment

Ultra pure water terminal filtration

Environmental water sample detection and analysis

Purification of airborne particulates and air sterilization in the fermentation industry

NY(nylon) : widely used, water phase, organic phase can be used, alkali and acid resistance, protein binding ability is strong, not recommended for protein containing liquid filtration

PES(polyether sulfone) : suitable for aqueous phase, low protein adsorption, suitable for biological medium or serum filtration, filtration speed

CA(cellulose acetate) and MCE(mixed cellulose) : Suitable for aqueous phase with narrow pH tolerance range

RC(regenerated cellulose) : strong chemical compatibility, but not resistant to strong acids and bases, low protein adsorption

PVDF(polyvinylidene fluoride) : strong chemical compatibility, low protein adsorption, but can not filter DMSO

PTFE(polytetrafluoroethylene) : hydrophobic membrane filter organic phase, hydrophilic membrane can be used for aqueous phase and organic phase, chemical compatibility is the strongest, almost universal

Bioland™ Non-Sterile Syringe Filter

Widely used in gravimetric analysis, microanalysis, colloid separation and sterility test. Also suitable for HPLC, MS, LC-MS and other analytical instruments sample preparation, purification, pre-treatment, preparation of biological products, tissue culture medium, buffer solution and other liquid sample filtration, aggressive solution purification, clarification, filtration of a small number of samples, remove impurities in the sample, precipitation.

The needle filter is made of polypropylene and can be connected to the syringe

Fast, convenient and reliable filtration treatment device for small volume samples

Five filter membrane materials: PTFE, PVDF, PES, NYLON, MCE

Three diameter specifications

Three pore sizes: 0.1um, 0.22um, 0.45um

Filter diameter	membrane	Filter area	Residual volume(ul)	Filtration volume	Withstand pressure
4mm		0.125cm ²	5ul	1ml	87PSI
13mm		0.92cm ²	10ul	10ml	87PSI
25mm		2.98cm ²	50ul	100ml	87PSI

Bioland™ 4mm Non-Sterile Syringe Filter

Order NO.	Description	Package
PT04-N022	PTFE Filter membrane; 4mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PT04-N045	PTFE Filter membrane; 4mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
PE04-N022	PES Filter membrane; 4mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PE04-N045	PES Filter membrane; 4mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
NY04-N022	NYLON Filter membrane; 4mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
NY04-N045	NYLON Filter membrane; 4mm; 0.45um	100Pcs/Pk;1000Pcs /Cs



Bioland™ 13mm Non-Sterile Syringe Filter

Order NO.	Description	Package
PT13-N022	PTFE Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PT13-N045	PTFE Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
PV13-N010	PVDF Filter membrane; 13mm; 0.1um	100Pcs/Pk;1000Pcs /Cs
PV13-N022	PVDF Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PV13-N045	PVDF Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
PE13-N022	PES Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PE13-N045	PES Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
MC13-N022	MCE Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
MC13-N045	MCE Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
NY13-N022	NYLON Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
NY13-N045	NYLON Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs



Bioland™ 25mm Non-Sterile Syringe Filter

Order NO.	Description	Package
PT30-N022	PTFE Filter membrane; 25mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PT30-N045	PTFE Filter membrane; 25mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
PV30-N010	PVDF Filter membrane; 25mm; 0.1um	100Pcs/Pk;1000Pcs /Cs
PV30-N022	PVDF Filter membrane; 25mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PV30-N045	PVDF Filter membrane; 25mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
PE30-N022	PES Filter membrane; 25mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PE30-N045	PES Filter membrane; 25mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
MC30-N022	MCE Filter membrane; 25mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
MC30-N045	MCE Filter membrane; 25mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
NY30-N022	NYLON Filter membrane; 25mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
NY30-N045	NYLON Filter membrane; 25mm; 0.45um	100Pcs/Pk;1000Pcs /Cs



Bioland™ Sterile Syringe Filter

Filtration is one of the fastest methods of liquid sterilization and can reduce the impact of the sterilization process on the active ingredients of the liquid. Sterile needle filters are widely used in all areas of the life sciences to debacteria a variety of biological liquids in small volumes, such as proteins, media, additives, buffers, reagents or pharmaceuticals. Sterile needle filters are ideal sterilizing consumables for life science applications in pharmaceutical, environmental, biotechnology, food & beverage, agriculture and more.

0.1 um filter is used to remove mycoplasma

0.22um filter is used to remove all bacteria

0.45um filter is used to remove particles from the liquid.

Applications:

Sterilization or clarification of biological liquids

Tissue culture medium preparation

Protein or enzyme product filtration

Hybridization buffer

Gas aqueous solution



Bioland™ Sterile Syringe Filter

Used for various biological liquid filtration sterilization or clarification. Bioland™™PES membranes, in particular, have excellent flow rates, fluxes, and extremely low protein binding rates, making them ideal for handling a wide range of bioaqueous liquids.

Single-use, γ-ray pre-sterilization, bactericidal filtration

efficiency (0.22μm): LRV > 7 deficient Shortwave monomonas, ATCC19146, ASTM Bacterial Challenge test

No pyrogen, no surfactant, very low extract, very low protein binding <1.5% (PES)

Ultra-high flow rates and fluxes filter liquids faster and more!

Bioland™ 13mm Sterile Syringe Filter

Order NO.	Description	Package
PT13-022	PTFE Filter membrane; 13mm; 0.22um hydrophilic	100Pcs/Pk;1000Pcs /Cs
PT13-045	PTFE Filter membrane; 13mm; 0.45um hydrophilic	100Pcs/Pk;1000Pcs /Cs
PV13-010	PVDF Filter membrane; 13mm; 0.1um hydrophilic	100Pcs/Pk;1000Pcs /Cs
PV13-022	PVDF Filter membrane; 13mm; 0.22um hydrophilic	100Pcs/Pk;1000Pcs /Cs
PV13-045	PVDF Filter membrane; 13mm; 0.45um hydrophilic	100Pcs/Pk;1000Pcs /Cs
PT13-022W	PTFE Filter membrane; 13mm; 0.22um hydrophobic	100Pcs/Pk;1000Pcs /Cs
PT13-045W	PTFE Filter membrane; 13mm; 0.45um hydrophobic	100Pcs/Pk;1000Pcs /Cs
PV13-010W	PVDF Filter membrane; 13mm; 0.1um hydrophobic	100Pcs/Pk;1000Pcs /Cs
PV13-022W	PVDF Filter membrane; 13mm; 0.22um hydrophobic	100Pcs/Pk;1000Pcs /Cs
PV13-045W	PVDF Filter membrane; 13mm; 0.45um hydrophobic	100Pcs/Pk;1000Pcs /Cs
PE13-022	PES Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
PE13-045	PES Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
MC13-022	MCE Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
MC13-045	MCE Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs
NY13-022	NYLON Filter membrane; 13mm; 0.22um	100Pcs/Pk;1000Pcs /Cs
NY13-045	NYLON Filter membrane; 13mm; 0.45um	100Pcs/Pk;1000Pcs /Cs



Bioland™ 25mm Sterile Syringe Filter

Order NO.	Description	Package
PT30-022	PTFE Filter membrane; 25mm; 0.22um hydrophilic	50Pcs/Pk;500Pcs /Cs
PT30-045	PTFE Filter membrane; 25mm; 0.45um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV30-010	PVDF Filter membrane; 25mm; 0.1um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV30-022	PVDF Filter membrane; 25mm; 0.22um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV30-045	PVDF Filter membrane; 25mm; 0.45um hydrophilic	50Pcs/Pk;500Pcs /Cs
PT30-022W	PTFE Filter membrane; 25mm; 0.22um hydrophobic	50Pcs/Pk;500Pcs /Cs
PT30-045W	PTFE Filter membrane; 25mm; 0.45um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV30-010W	PVDF Filter membrane; 25mm; 0.1um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV30-022W	PVDF Filter membrane; 25mm; 0.22um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV30-045W	PVDF Filter membrane; 25mm; 0.45um hydrophobic	50Pcs/Pk;500Pcs /Cs
PE30-022	PES Filter membrane; 25mm; 0.22um	50Pcs/Pk;500Pcs /Cs
PE30-045	PES Filter membrane; 25mm; 0.45um	50Pcs/Pk;500Pcs /Cs
MC30-022	MCE Filter membrane; 25mm; 0.22um	50Pcs/Pk;500Pcs /Cs
MC30-045	MCE Filter membrane; 25mm; 0.45um	50Pcs/Pk;500Pcs /Cs
NY30-022	NYLON Filter membrane; 25mm; 0.22um	50Pcs/Pk;500Pcs /Cs
NY30-045	NYLON Filter membrane; 25mm; 0.45um	50Pcs/Pk;500Pcs /Cs
PP30-022	PTFE Filter membrane; 25mm; 0.22um hydrophilic	50Pcs/Pk;500Pcs /Cs
PP30-045	PTFE Filter membrane; 25mm; 0.45um hydrophilic	50Pcs/Pk;500Pcs /Cs



Bioland™ 33mm Sterile Syringe Filter

Order NO.	Description	Package
PT33-022	PTFE Filter membrane; 33mm; 0.22um hydrophilic	50Pcs/Pk;500Pcs /Cs
PT33-045	PTFE Filter membrane; 33mm; 0.45um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV33-010	PVDF Filter membrane; 33mm; 0.1um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV33-022	PVDF Filter membrane; 33mm; 0.22um hydrophilic	50Pcs/Pk;500Pcs /Cs
PV33-045	PVDF Filter membrane; 33mm; 0.45um hydrophilic	50Pcs/Pk;500Pcs /Cs
PT33-022W	PTFE Filter membrane; 33mm; 0.22um hydrophobic	50Pcs/Pk;500Pcs /Cs
PT33-045W	PTFE Filter membrane; 33mm; 0.45um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV33-010W	PVDF Filter membrane; 33mm; 0.1um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV33-022W	PVDF Filter membrane; 33mm; 0.22um hydrophobic	50Pcs/Pk;500Pcs /Cs
PV33-045W	PVDF Filter membrane; 33mm; 0.45um hydrophobic	50Pcs/Pk;500Pcs /Cs
PE33-022	PES Filter membrane; 33mm; 0.22um	50Pcs/Pk;500Pcs /Cs
PE33-045	PES Filter membrane; 33mm; 0.45um	50Pcs/Pk;500Pcs /Cs
MC33-022	MCE Filter membrane; 33mm; 0.22um	50Pcs/Pk;500Pcs /Cs
MC33-045	MCE Filter membrane; 33mm; 0.45um	50Pcs/Pk;500Pcs /Cs
NY33-022	NYLON Filter membrane; 33mm; 0.22um	50Pcs/Pk;500Pcs /Cs
NY33-045	NYLON Filter membrane; 33mm; 0.45um	50Pcs/Pk;500Pcs /Cs



Bioland™ Fermenter vent filter

PTFE filter membrane, polypropylene reinforced mesh and shell, high temperature autoclave

Bubble point: 0.2μm> 140kPa

Ladder hose connector (6-12mm)

Application field Small fermenter type air purification equipment

Standard flow rate of 0.2μm membrane filtered air: Δp=0.2kPa 1.1 L/min

Δp=0.5kPa 2.9 L/min

Δp=10kPa 5.0 L/min

Order NO.	Description	Package
MAF60-022	Diameter: 60mm;Pore size: 0.22um	10Pcs/Pk
MAF60-022S	Diameter: 60mm;Pore size: 0.22um, sterile	1Pcs/Pk; 10/Box
MAF60-022SS	Sterile; Certification; Diameter: 60mm; Aperture: 0.22um	1Pcs/Pk; 10/Box



Bioland™ Stainless steel disc filter

Bioland™™ stainless steel disc filters are available in both single and double layer types

Four sizes available: 100mm, 150mm, 200mm, 300mm

Made of 316L stainless steel material, acid and alkali resistant

It has the characteristics of fast filter speed, long service life, reasonable structure and easy to use

The filter can withstand a maximum pressure of 0.6MPa

Widely used in colleges and universities, scientific research units, pharmaceutical factories, hospitals and other media, blood products, liquid sterilization or clarification filtration

Note: For flow test, the selected pressure is 0.2MPa, and the pore size of the microporous filter membrane is 0.8μm

Order NO.	membrane diameter	inlet diameter	Outlet diameter	Flow rate	height
Bioland™™ Single-layer stainless steel disc filter					
SSF-100	100mm	7mm	7mm	80 L/h	250mm
SSF-150	150mm	9mm	9mm	150 L/h	250mm
SSF-200	200mm	9mm	9mm	270 L/h	260mm
SSF-300	300mm	12mm	12mm	600 L/h	260mm
Bioland™™ Double layer stainless steel disc filter					
SSF-100D	100mm	7mm	7mm	80 L/h	270mm
SSF-150D	150mm	9mm	9mm	150 L/h	270mm
SSF-200D	200mm	9mm	9mm	250 L/h	280mm
SSF-300D	300mm	12mm	12mm	500 L/h	280mm



Bioland™ Stainless steel cylinder filter

Reasonable structure, beautiful appearance of pressurized sterilization filter

Made of 316L stainless steel

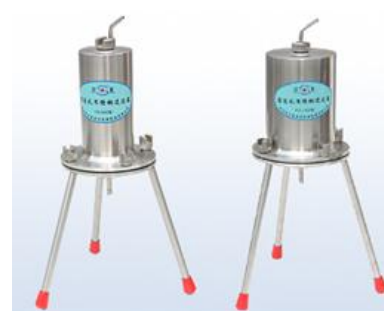
Acid and alkali resistance, high surface finish, easy to clean, fast filter speed, durable, easy to use and so on

The filter can withstand a maximum pressure of 0.6MPa

Widely used in colleges and universities, scientific research units, pharmaceutical factories, hospitals and other media, blood products, liquid sterilization or clarification filtration

Note: For flow test, the selected pressure is 0.2MPa, and the pore size of the microporous Filter membrane is 0.22μm

Order NO.	capacity	membrane diameter	inlet diameter	Outlet diameter	Flow rate
SSF-500C	500ml	100mm	6mm	7.8mm	0.7 L/m
SSF-1000C	1000ml	100mm	6mm	7.8mm	0.7 L/m
SSF-2000C	2000ml	150mm	6mm	9mm	2.2 L/m
SSF-5000C	5000ml	200mm	6mm	9mm	4 L/m
SSF-10000C	10000ml	300mm	6mm	12mm	10 L/m



Bioland™ MCX (Mixed-Mode Cation SPE Column) Mixed cationic solid phase

extraction column

A mixed adsorbent with strong cation exchange and reverse retention. Highly selective for alkaline analytes, stable in organic solvents. Equivalent to Waters Oasis MCX

Typical applications are: beta-receptor agonists; Sulfamide, trimethoprim, Ulotropine, malachite green; Crystal violet, melamine; And aconitine limit inspection in Chinese medicine

Average particle size: 50um; Average diameter: 300A; Specific surface area: 600m2/g

Order NO.	Gram weight of stuffing	Column specifications	Package
MCX-01-30mg	30mg	1mL	50 per box
MCX-01-60mg	60mg	1mL	50 per box
MCX-03-30mg	30mg	3mL	50 per box
MCX-03-60mg	60mg	3mL	50 per box
MCX-06-150mg	150mg	6mL	30 per box
MCX-06-200mg	200mg	6mL	30 per box
MCX-06-500mg	500mg	6mL	30 per box
MCX-12-500mg	500mg	12mL	30 per box
MCX-12-1000mg	1000mg	12mL	20 per box



Bioland™ WCX weak cationic solid phase extraction column

Order NO.	Gram weight of stuffing	Column specifications	Package
WCX-01-30mg	30mg	1mL	50 per box
WCX-01-60mg	60mg	1mL	50 per box
WCX-03-30mg	30mg	3mL	50 per box
WCX-03-60mg	60mg	3mL	50 PCS/box
WCX-06-150mg	150mg	6mL	30 per box
WCX-06-200mg	200mg	6mL	30 per box
WCX-06-500mg	500mg	6mL	30 per box
WCX-12-500mg	500mg	12mL	30 PCS/box
WCX-12-1000mg	1000mg	12mL	20 per box



Bioland™ Florisil Solid phase Extraction column (Floean silica, magnesium silicate)

Florisil is a highly selective adsorbent. It is composed of silica, magnesium oxide and sodium sulfide. Similar to silica gel, this adsorbent is strongly polar and can extract polar compounds from non-polar solutions. In addition to the separation of organochlorine pesticides, Florisil is also used for the extraction separation of PCBs, PAHs, etc., and is also mostly used in AOAC and EPA methods. The particle size of Florisil is 100-200 mesh.

Typical applications are: purification of pesticide residues, separation, separation of internal secretions and oil removal. PCBs, PAHs, separation of nitrogen-containing compounds in hydrocarbons and antibiotic substances are essential sample pretreatment columns for NY761 analysis

Average particle size: 45-74um; Average diameter: 120A; Specific surface area: 700m2/g

Order NO.	Gram weight of stuffing	Column specifications	Package
Florisil-01-100mg	100mg	1mL	50 PCS/box
Florisil-03-200mg	200mg	3mL	50 per box
Florisil-03-500mg	500mg	3mL	50 per box
Florisil-06-500mg	500mg	6mL	30 per box
Florisil-06-1000mg	1000mg	6mL	30 PCS/box
Florisil-12-1000mg	1000mg	12mL	30 per box
Florisil-12-2000mg	2000mg	12mL	20 per box



Bioland™ MAX Solid phase extraction column (mixed anionic extraction column)

An extraction column based on a water-wettable polymer with anion exchange mixing mechanism. Dual retention modes are provided: ion exchange and reverse phase retention, and the fillers are stable in the PH0-14 range. Exchange strength: 0.9meg/g. PH application range 2-8.

Suitable for rapid essence enrichment of anions, organic acids, nucleic acids, nucleotides, surfactants, etc.

Typical applications are: acid drugs; Oxytetracycline, aureomycin, doxycycline, carboxy, quinoline and their metabolites; Sudan red

Average particle size: 50-60μm; Average aperture: 300A; Specific surface area: 600m²/g

Order NO.	Gram weight of stuffing	Column size	Package
MAX-01-30mg	30mg	1mL	50 per box
MAX-01-60mg	60mg	1mL	50 per box
MAX-03-30mg	30mg	3mL	50 per box
MAX-03-60mg	60mg	3mL	50 per box
MAX-06-150mg	150mg	6mL	30 per box
MAX-06-200mg	200mg	6mL	30 per box
MAX-06-500mg	500mg	6mL	30 per box
MAX-12-500mg	500mg	12mL	30 per box
MAX-12-1000mg	1000mg	12mL	20 per box



Bioland™ WAX weak anion extraction column

Order NO.	Gram weight of stuffing	Column specifications	Package
WAX-01-30mg	30mg	1mL	50 per box
WAX-01-60mg	60mg	1mL	50 per box
WAX-03-30mg	30mg	3mL	50 per box
WAX-03-60mg	60mg	3mL	50 per box
WAX-06-150mg	150mg	6mL	30 per box
WAX-06-200mg	200mg	6mL	30 per box
WAX-06-500mg	500mg	6mL	30 per box
WAX-12-500mg	500mg	12mL	30 per box
WAX-12-1000mg	1000mg	12mL	20 per box



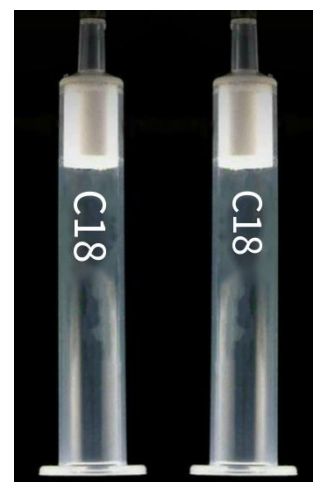
Bioland™ C18 solid phase extraction column

Reversed phase C18 extraction column based on silica gel. It has the characteristics of high bonding density, low loss and high recovery.

Application: Drugs and their metabolites in blood, plasma, urine. Desalting of samples of proteins, DNA macromolecules. Enrichment of organic matter in environmental water samples. Organic acids in beverages. Similar to reversed phase liquid chromatography column, suitable for extraction and purification of: antibiotics, barbiturate hydrochloric acid, phthalazine, caffeine, drugs, dyes, aromatic oils, fat-soluble vitamins, fungicides, weeder, pesticides, carbohydrates, p-hydroxytoluate substituted esters, phenols, phthalates, steroids, surface active agents, theophylline, water-soluble vitamins, etc.

Average particle size: 50-60μm; Average aperture: 300A; Specific surface area: 600m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
C18-01-100mg	100mg	1ml	50 per box
C18-01-300mg	300mg	1ml	50 per box
C18-03-100mg	100mg	3ml	50 per box
C18-03-200mg	200mg	3ml	50 per box
C18-03-500mg	500mg	3ml	50 per box
C18-06-500mg	500mg	6ml	30 per box
C18-06-1000mg	1000mg	6ml	30 per box
C18-12-1000mg	1000mg	12ml	30 per box
C18-12-2000mg	2000mg	12ml	20 per box



Bioland™ Silica solid phase extraction column

Polar adsorbents are primarily used to adsorb analytes from non-polar solvents such as hydrocarbon halogenated hydrocarbons or less polar esters or ethers and then elute them with more polar solvents such as polar ether ester alcohol acetonitrile water. It can also be used as a medium strength cation exchange adsorbent in water medium, and as a carrier for liquid-liquid partition separation.

Application: vitamins, food additives lipids, synthetic organic compounds natural products, plant pigments, pesticides in food.

Average particle size: 60μm; Average diameter: 120A; Specific surface area: 500m²/g

Order NO.	Weight of packing	Column specifications	Package
Silica-01-100mg	100mg	1mL	50 per box
Silica-03-200mg	200mg	3mL	50 per box
Silica-03-500mg	500mg	3mL	50 per box
Silica-06-500mg	500mg	6mL	30 per box
Silica-06-1000mg	1000mg	6mL	30 per box
Silica-12-1000mg	1000mg	12mL	30 per box
Silica-12-2000mg	2000mg	12mL	20 per box



Bioland™ CN solid phase extraction column

Cyanopolar binding adsorbent, with both polar and non-polar interactions. It can be used as a non-polar adsorbent to extract both polar and non-polar substances from aqueous solution samples, and can also extract polar substances from solvents with relatively little polarity.

Application: Drugs and their metabolites

Average particle size: 60μm; Average diameter: 120A; Specific surface area: 500m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
CN-01-100mg	100mg	1mL	50 per box
CN-03-200mg	200mg	3mL	50 per box
CN-03-500mg	500mg	3mL	50 per box
CN-06-500mg	500mg	6mL	30 per box
CN-06-1000mg	1000mg	6mL	30 per box
CN-12-2000mg	2000mg	12mL	20 per box



Bioland™ C8 solid phase extraction column

C8 and C18 have very similar properties, but because the carbon chain is shorter, the retention of non-polar compounds is weaker than C18. When the analyte retention on C18 is too strong for elution, C8 can be used instead. At the same time, because the carbon chain of C8 is short, it is difficult to effectively cover the residual silanol group on the surface of silica gel, so the retention of polar compounds of C8 is stronger than that of C18, but the polarity interaction still loses the main characteristics of C8. Experiments show that C8 adsorbent can extract both fat-soluble and water-soluble vitamins in human blood.

Average particle size: 50μm; Average diameter: 70A; Specific surface area: 600m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
C8-01-100mg	100mg	1mL	50 per box
C8-03-200mg	200mg	3mL	50 per box
C8-03-500mg	500mg	3mL	50 per box
C8-06-500mg	500mg	6mL	30 per box
C8-06-1000mg	1000mg	6mL	30 per box
C8-12-1000mg	1000mg	12mL	30 per box
C8-12-2000mg	2000mg	12mL	20 per box



Bioland™ GCB Solid Phase Extraction column (graphitized carbon)

Activated carbon has a large adsorption capacity, but the adsorption is irreversible, and the extract is difficult to elute, so it is not suitable as an adsorbent for SPE. Graphitized carbon black overcomes the irreversible shortcomings of activated carbon adsorption, and maintains a high affinity and a large adsorption capacity for polar and non-polar oil-medium substances, with high purification effect, high recovery and high reproducibility and other excellent characteristics, used for agricultural residue analysis and sample pretreatment with high pigment content. In addition, graphitized carbon black is not a porous substance, and the time to achieve adsorption equilibrium is short, which can save the time of sample processing.

Matrix: Graphitized Carbon Shape; Average particle size: 70-120μm; Specific surface area: 100m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
GCB-01-100mg	100mg	1mL	50 per box
GCB-03-200mg	200mg	3mL	50 PCS/box
GCB-03-500mg	500mg	3mL	50 per box
GCB-06-500mg	500mg	6mL	30 per box
GCB-06-1000mg	1000mg	6mL	30 per box
GCB-12-1000mg	1000mg	12mL	30 PCS/box
GCB-12-2000mg	2000mg	12mL	20 per box



Bioland™ PRS Solid Phase Extraction column (strong cation exchange extraction column based on silica gel)

A strong cation exchange extraction column based on silica gel. The bonding functional group is propyl sulfonic acid, slightly less acidic than CSX (benzene sulfonic acid). PRS does not exhibit weak polarity as compared to SCX. In non-polar solvents, PRS has polarity and hydrogen bonding, because of its low pKa value, cationic compounds must be eluted by strong ionic strength eluent or neutralize its charge, can be used to extract weak cations, such as pyridine, etc., but also widely used in malachite green sample pretreatment.

Average particle size: 60μm; Average aperture: 500Å; Specific surface area: 480m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
PRS-01-100mg	100mg	1mL	50 per box
PRS-03-200mg	200mg	3mL	50 per box
PRS-03-500mg	500mg	3mL	50 per box
PRS-06-500mg	500mg	6mL	30 per box
PRS-06-1000mg	1000mg	6mL	30 per box
PRS-12-1000mg	1000mg	12mL	30 per box
PRS-12-2000mg	2000mg	12mL	20 per box



Bioland™ PSA Solid phase extraction column (ethylenediamine-n-propyl)

The selectivity of ethylenediamine-n-propyl is similar to that of amino, as a positive or reversed phase column, the polarity is stronger than C18 and weaker than silica gel, and it has good selectivity for a variety of compounds with moderate polarity or a wide range of polarity in different systems. Also available as a weak anion exchange column, GREEN MALL® PSA has two amino groups, provides a higher ion exchange capacity and exhibits two pKa values of 10.1 and 10.9, respectively. Therefore, GREEN MALL® PSA can effectively remove fatty acids (including oleic acid, palmitic acid, linolenic acid, etc.), organic acids, some polar pigments and sugars from food that affect the detection of agricultural residues. At the same time, the presence of diamino can also act as a chelating agent for metal ions.

Average particle size: 60μm; Average diameter: 60A; Specific surface area: 480m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
PSA-01-100mg	100mg	1mL	50 per box
PSA-03-200mg	200mg	3mL	50 per box
PSA-03-500mg	500mg	3mL	50 per box
PSA-06-500mg	500mg	6mL	30 per box
PSA-06A-500mg	500mgCarb+500mgPSA	6mL	30 per box
PSA-06B-500mg	500mgGCB+500mgPSA	6mL	30 per box
PSA-06-1000mg	1000mg	6mL	30 per box
PSA-12-1000mg	1000mg	12mL	30 per box
PSA-12-2000mg	2000mg	12mL	20 per box



Bioland™ SCX Solid Phase extraction column (silica gel based strong cation exchange column)

Polymer matrix adsorbents often have mixed retention mechanisms, and GREEN MALL's polymer matrix SPE products are no exception. GREEN MALL's SCX is a polymer-based mixed adsorbents with strong cation exchange and hydrophobic properties of reversed-phase chromatographic stationary phase. It contains strongly acidic sulfonic acid functional groups. Selective retention of alkaline and neutral compounds, can show relative non-polar forces, usually used for alkaline substances such as melamine, amphetamine, pramine, piperidine extraction, as well as for the extraction of positive alkaline compounds, equivalent to Watrs Oasis MCX, Phenonemex Strata-X-C.

Average particle size: 60μm; Average aperture: 300A; Specific surface area: 600m²/g

Order NO.	Gram weight of stuffing	Column specifications	Package
SCX-01-30mg	30mg	1mL	50 per box
SCX-01-60mg	60mg	1mL	50 per box
SCX-03-60mg	60mg	3mL	50 per box
SCX-03-200mg	200mg	3mL	50 PCS/box
SCX-03-500mg	500mg	3mL	50 per box
SCX-06-200mg	200mg	6mL	30 per box
SCX-06N-500mg	AL-N 500mg	6ml	30 per box
SCX-06-500mg	500mg	6mL	30 PCS/box
SCX-06-1000mg	1000mg	6mL	30 per box
SCX-12-1000mg	1000mg	12mL	20 per box
SCX-12-2000mg	2000mg	12mL	20 per box



Bioland™ GCB/NH2 Solid Phase Extraction column (amino)

GraphiCarb/NH2 consists of equal amounts of graphitized carbon black and aminopropyl bonded silica gel mixed column, in pesticide residue analysis, has a special separation and extraction effect, such as pigment, fatty acid and phenolic removal, organic phosphorus extraction in tea.

Order NO.	Weight of packing	Column specifications	Package
NH2-01-100mg	100mg	1mL	50 per box
NH2-03-200mg	200mg	3mL	50 per box
NH2-03-500mg	500mg	3mL	50 per box
NH2-06-500mg	500mg	6mL	30 per box
NH2-06A-500mg	500mgCarb+500mgNH2	6mL	30 per box
NH2-06B-500mg	500mgGCB+500mgNH2	6mL	30 per box
NH2-06-1000mg	1000mg	6mL	30 per box
NH2-12-1000mg	1000mg	12mL	30 per box
NH2-12-2000mg	2000mg	12mL	20 per box



Bioland™ Alumina solid phase extraction column

provides Alumina-N neutral alumina; Alumina-A acidic alumina; Alumina-B basic alumina three options.

Alumina-N neutral alumina strong polarity SPE adsorbent, surface treatment is neutral, can be through the interaction with aluminum metal center, with the surface silanol group to form hydrogen bond or point charge surface for ion exchange adsorption molecules. It has strong retention ability for heterocyclic substances containing nitrogen, phosphorus and sulfur, rich point compounds such as aromatic hydrocarbons and organic amines. It is widely used for sample pretreatment of Sudan red and malachite green. Alumina-N has a grain size of 50-200μm.

AL-N neutral alumina solid phase extraction column

Order NO.	Gram weight of stuffing	Column specifications	Package
ALN-01-100mg	100mg	1mL	50 per box
ALN-03-200mg	200mg	3mL	50 per box
ALN-03-500mg	500mg	3mL	50 per box
ALN-06-500mg	500mg	6mL	30 per box
ALN-06-1000mg	1000mg	6mL	30 per box
ALN-12-1000mg	1000mg	12mL	30 per box
ALN-12-2000mg	2000mg	12mL	20 per box
ALN-12-5000mg	5000mg	12mL	20 per box
ALN-20-2500mg	2500mg	20mL	20 per box



Bioland™ AL-A acid Alumina solid phase extraction column

Alumina-A is an alumina adsorbent with an acidic surface (PH=4.5) with a particle size of 50-200 μ m. It can be used as strong polar adsorbent and medium cation exchanger.

Order NO.	Gram weight of stuffing	Column specifications	Package
ALA-01-100mg	100mg	1mL	50 per box
ALA-03-200mg	200mg	3mL	50 per box
ALA-03-500mg	500mg	3mL	50 per box
ALA-06-500mg	500mg	6mL	30 per box
ALA-06-1000mg	1000mg	6mL	30 per box
ALA-12-1000mg	1000mg	12mL	30 per box
ALA-12-2000mg	2000mg	12mL	20 per box
ALA-12-5000mg	5000mg	12mL	20 per box
ALA-20-2500mg	2500mg	20mL	20 per box



Bioland™ AL-B Alkaline Alumina solid phase extraction column

Alumina-B treats acidic alumina with an alkaline solution, while the resulting alkaline alumina SPE adsorbent, with a negatively charged surface, acts like a cation bond.

Order NO.	Gram weight of stuffing	Column specifications	Package
ALB-01-100mg	100mg	1mL	50 per box
ALB-03-200mg	200mg	3mL	50 per box
ALB-03-500mg	500mg	3mL	50 per box
ALB-06-500mg	500mg	6mL	30 PCS/box
ALB-06-1000mg	1000mg	6mL	30 per box
ALB-12-1000mg	1000mg	12mL	30 per box
ALB-12-2000mg	2000mg	12mL	20 per box
ALB-12-5000mg	5000mg	12mL	20 PCS/box
ALB-20-2500mg	2500mg	20mL	20 per box



Bioland™ HLB Solid Phase Extraction column (polystyro-divinylbenzene)

HLB reversed-phase chromatography packing is a synthetic ultra-low pressure rapid reversed-phase chromatography packing, which is based on a uniform size of rigid polystyrene molecules and can be operated from medium column chromatography systems to high pressure liquid phase systems. Fillers are similar in nature and use to C18, can replace C18, specific surface area of 600m²/g, pore size of 300A, white powder. It is suitable for industrial fine separation and purification of natural products, chemical drugs, antibiotics and other fields. It has better stability and wide PH applicability than C18.

1. High and stable recovery rate, even if the column bed is dry, the recovery rate is not affected
2. High adsorption capacity. Compared with silica gel, the surface area of HLB is increased by 2-3 times, the capacity factor is greatly improved, and the adsorption capacity of 30mg HLB is equivalent to 100mg C18
3. Excellent batch-to-batch reproducibility

4. good chemical stability
5. Compatible with various automatic solid phase extraction devices

Sample substrate: food, body fluids (plasma/urine, etc.), water, soil, cosmetics

Typical applications: Antibiotics (such as cephalosporins, chloramphenicol, sulfanilamide and beta-lactam antibiotics, diazepam, estrogens, diethylstilbestrol, tetracycline, macrolides, nitroimidazole, acrylamide, etc.); Pesticide residues (sulfonylurea herbicides, carbamate pesticides); Separation of peptides and oligonucleotides; High throughput biomacromolecule desalination treatment; And trace organics, environmental priority pollutants, endocrine disruptors.

Order NO.	Gram weight of stuffing	Column specifications	Package
HLB-01-30mg	30mg	1mL	50 per box
HLB-01-60mg	60mg	1mL	50 per box
HLB-03-30mg	30mg	3mL	50 per box
HLB-03-60mg	60mg	3mL	50 PCS/box
HLB-06-150mg	150mg	6mL	30 per box
HLB-06-200mg	200mg	6mL	30 per box
HLB-06-500mg	500mg	6mL	30 per box
HLB-06-1000mg	1000mg	6mL	30 PCS/box
HLB-12-500mg	500mg	12mL	20 per box



Bioland™ solid phase extraction column; More options available

Bioland™ solid phase extraction columns are used to extract target analytes from a variety of complex substrates, including biological fluids (blood and urine), water samples, soil, food, etc., for concentration or purification prior to chromatographic analysis.

The Bioland™ Solid phase extraction column family offers the best quality and superior performance for chromatographic analysis.

The Bioland™ SPE column is filled with a high purity spherical adsorbent and is distributed more evenly, ensuring repeatability and consistency of experimental results in order to guarantee a safe, reliable and efficient sample preparation process.



Bioland™ SAX Solid Phase extraction column (silica gel based strong anion exchange column)

Order NO.	Gram weight of stuffing	Column specifications	Package
SAX-01-30mg	30mg	1mL	50 per box
SAX-01-100mg	100mg	1mL	50 per box
SAX-03-200mg	200mg	3mL	50 per box
SAX-03-500mg	500mg	3mL	50 per box
SAX-06-200mg	200mg	6mL	30 per box
SAX-06-500mg	500mg	6mL	30 per box
SAX-06-1000mg	1000mg	6mL	30 per box
SAX-12-1000mg	1000mg	12mL	20 per box
SAX-12-2000mg	2000mg	12mL	20 per box

Bioland™ Carb Solid Phase Extraction column (activated carbon)

Order NO.	Gram weight of stuffing	Column specifications	Package
Carb-01-100mg	100mg	1mL	50 per box
Carb-03-200mg	200mg	3mL	50 per box
Carb-03-500mg	500mg	3mL	50 per box
Carb-06-500mg	500mg	6mL	30 per box
Carb-06-1000mg	1000mg	6mL	30 per box
Carb-12-1000mg	1000mg	12mL	30 per box
Carb-12-2000mg	2000mg	12mL	20 per box

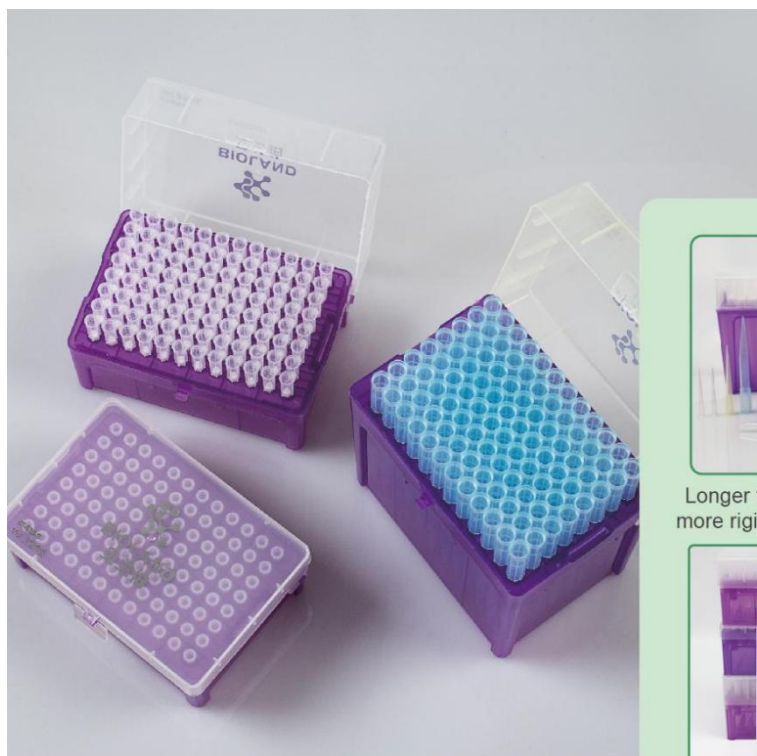
Bioland™ Diol Solid Phase Extraction column (diol)

Order NO.	Gram weight of stuffing	Column specifications	Package
Diol-01-100mg	100mg	1mL	50 per box
Diol-03-200mg	200mg	3mL	50 per box
Diol-03-500mg	500mg	3mL	50 per box
Diol-06-500mg	500mg	6mL	30 per box
Diol-06-1000mg	1000mg	6mL	30 per box
Diol-12-1000mg	1000mg	12mL	30 per box
Diol-12-2000mg	2000mg	12mL	20 per box

Bioland™ PS-DVB Solid phase extraction column

Order NO.	Gram weight of stuffing	Column specifications	Package
PSD-01-30mg	30mg	1mL	50 per box
PSD-01-60mg	60mg	1mL	50 PCS/box
PSD-03-30mg	30mg	3mL	50 per box
PSD-03-60mg	60mg	3mL	50 per box
PSD-06-150mg	150mg	6mL	30 per box
PSD-06-200mg	200mg	6mL	30 PCS/box
PSD-06-500mg	500mg	6mL	30 per box
PSD-06-1000mg	1000mg	6ml	30 per box
PSD-12-500mg	500mg	12mL	20 per box

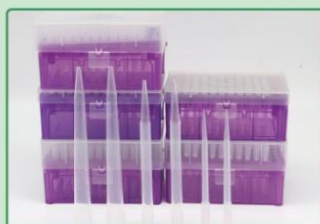
Pipette Tip series



**BIOLAND All Suction
Can Effectively Reduce
Wall-hanging Liquid**



Longer than standard suckers and more rigid than conventional suckers



Ultra-long tube body, can be easily in the bottom of 5ml cryopreservation tube samples



Compared with the traditional suction head more retractable, with a scale



Bioland introduced the stacked suction head, effectively solve the suction head time and labor costs



Labtimes Electric Pipet Filler

Bioland Electric Pipette Controller

while offering broad compatibility with serological pipettes from 1 mL to 100 mL.



Model: LabtimesBL-EP-01

Product Overview

The Bioland™ Electric Pipette Controller provides effortless liquid handling through an advanced vacuum-based aspiration system. Its ergonomic design ensures precision and comfort for prolonged use, while offering broad compatibility with serological pipettes from 1 mL to 100 mL.

Key Features

- Universal compatibility with 1–100 mL serological pipettes
- Precision speed control for smooth aspiration and dispensing
- Clear LCD display showing speed settings and battery status
- Lightweight and ergonomic design for comfortable operation

Applications

Ideal for media transfers, reagent dispensing, and general liquid handling in cell culture, microbiology, and industrial laboratories.

Bioland™ Electric Pipette Controller

Model: LabtimesBL-EP-01

Key Features

Universal compatibility with 1–100 mL serological pipettes (no adapter required)

LCD screen displays aspiration/dispensing speed and battery status

6-speed adjustment with intuitive velocity control buttons

Energy-saving mode with 5-second auto sleep

Antibacterial material (99% efficacy without biocides/nanoparticles/metals)

Lightweight ergonomic design with balanced weight distribution

Long-life lithium battery with operation during charging

Optimized dispensing speed to prevent splashing

Easy pipette removal and filter membrane replacement

Constructed from PBT-T8 material for durability and antimicrobial protection

Technical Specifications

Material: Polybutylene Terephthalate (PBT-T8)

Antibacterial Rate: >99%

Power: Rechargeable lithium battery

Display: Large LCD with battery and speed indicators

Operation

Simple three-button control for aspiration, dispensing, and speed selection. Designed for prolonged comfortable use in continuous pipetting applications.



Light Pipetting Ease up on

To relieve the wrist caused by repeated pipetting

Clear Display Screen

Equipped with a clear pipette range display. Large font, black and white. It greatly improves the visual comfort and effectively reduces the visual fatigue in longterm work.

Order number	Description	Capacity
4640110BL	Single track; micronozzle	0.2-2ul
4640000BL	Single track; micronozzle	1-10ul
4640010BL	Single track; Universal nozzle	1-10ul
4640020BL	Single track; micronozzle	2-20ul
4640030BL	Single track; Universal nozzle	2-20ul
4640090BL	Single track; Universal nozzle	5-50ul
4640040BL	Single track; Universal nozzle	10-100ul
4640050BL	Single track; Universal nozzle	20-200ul
4640060BL	Single track; Universal nozzle	100-1000ul
4640100BL	Single track; Universal nozzle	0.5-5ml
4640070BL	Single track; Universal nozzle	1-10ml
4660010BL	Eight paths	5-50ul
4660020BL	Eight paths	30-3000ul
4660040BL	Eight paths	5-50ul
4660050BL	Eight paths	30-3000ul



Bioland™ Non-Filtered Micropipette Tips

Bioland™ Non-Filtered Micropipette Tips are precision-manufactured using 100% virgin polypropylene and advanced molding technology. These high-clarity tips feature molded graduations for volume verification and a micro-point design for improved accessibility. Available in both non-sterile bags and pre-sterilized racked packaging options to meet diverse laboratory requirements.

Key Features:

- Manufactured from 100% virgin polypropylene
- Ultra-clear resin with molded graduation marks
- Fine-point design for challenging containers
- Autoclavable packaging maintains tip integrity
- Compatible with most common pipettors

Quality Assurance:

- Certified RNase/DNase-free
- Tested and confirmed human DNA-free
- Non-pyrogenic/endotoxin-free
- Non-cytotoxic
- Sterile options available
- Validated for absence of PCR inhibitors
- Bioburden testing performed
- Endotoxin/ATP testing conducted

Packaging Options:

- Non-sterile Bulk (autoclavable)
- sterilized racked boxes

Applications:

Ideal for molecular biology, cell culture, and general laboratory applications requiring reliable liquid handling performance.

Order No.	description	package
Bioland Bulk pipette tips; Free-RNase/DNase, pyrogenic, cytotoxin		
AT-S10	10ml standard pipette tip, Bulk, Natural	1000/Pk 10000/Cs
AT-10	10ml extended pipette, Bulk, Natural	1000/Pk 10000/Cs
AT-200	200ml extended Pipette Tips, Bulk, Natural	1000/Pk 10000/Cs
AT-200Y	200ul standard pipette tip, Bulk, yellow	1000/Pk 10000/Cs
AT-300	300ul standard pipette tip, Bulk, Natural	1000/Pk 10000/Cs
AT-1000L	1ml standard pipette tip, Bulk, blue, length 102mm	1000/Pk 10000/Cs
AT-1250	1250ul extended pipette, Bulk, Natural	1000/Pk 10000/Cs
AT-1250B	1250ul extended pipette, Bulk, blue	1000/Pk 10000/Cs
AT-5000	5ml small-mouth pipette, Bulk, Natural. Compatible: Thermo, Brand	100/Pk 1000/Cs
AT-N5000	5ml wide mouth pipette, Bulk, Natural, compatible with: Eppendorf, Sartorius, and Dalong	100/Pk 1000/Cs

AT-L5000	5ml extended pipette tip, compatible with: Eppendorf, Sartorius, Dalong	100/Pk 1000/Cs
AT-G5000	5ml large mouth Pipette Tips, suitable for: Gilson, Rainin (UNV series)	100/Pk 1000/Cs
AT-R5000	5ml large mouth Pipette Tips, suitable for: Rainin (LTS series)	100/Pk 1000/Cs
AT-10000	10ml wide mouth pipette, Bulk, Natural, compatible with: Thermo	100/Pk 1000/Cs
AT-N10000	10ml small mouth pipette, Bulk, Natural compatible with: Eppendorf, Sartorius, Brand	100/Pk 1000/Cs
AT-G10000	10ml small mouth tip, suitable for: Gilson, Rainin (UNV series)	100/Pk 1000/Cs
AT-R10000	10ml small mouth Pipette Tips, suitable for: Rainin (LTS series)	100/Pk 1000/Cs
Bioland sterile cartridge tip; sterile, RNase/DNase-free, pyrogen-free, cytotoxin-free		
AT-S10-S	10ml standard Pipette Tips, sterile box packed, Natural	96/Rk 4800/Cs
AT-10-S	10ml extended pipette, sterile in a box, Natural	96/Rk 4800/Cs
AT-200-S	200ul extended pipette, sterile in a box, Natural	96/Rk 4800/Cs
AT-200Y-S	200ul standard pipette tip, sterile in box, yellow	96/Rk 4800/Cs
AT-200X-S	200ul ultra-long pipette, sterile in a box, Natural	96/Rk 4800/Cs
AT-300-S	300ul standard pipette tip, sterile in box, Natural	96/Rk 4800/Cs
AT-1000L-S	1ml standard pipette, sterile box, blue, length 102mm	96/Rk 4800/Cs
AT-1250-S	1250ul extended pipette, sterile in a box, Natural	96/Rk 2880/Cs
AT-1250B-S	1250ul extended pipette, sterile in a box, blue	96/Rk 2880/Cs
AT-5000-S	5ml small-mouth pipette, sterile vial, transparent, compatible with: Thermo, Brand	40/Rk 600/Cs
AT-N5000-S	5ml wide mouth pipette, sterile box packaging, Natural, compatible with: Eppendorf, Sartorius, Dragon	24/Rk 360/Cs
AT-L5000-S	5ml extended pipette tip, compatible with: Eppendorf, Sartorius, Dragon	24/Rk 360/Cs
AT-G5000-S	5ml large mouth Pipette Tips, suitable for: Gilson, Rainin (UNV series)	24/Rk 360/Cs
AT-R5000-S	5ml large mouth Pipette Tips, suitable for: Rainin (LTS series)	24/Rk 360/Cs
AT-10000-S	10ml standard pipette, sterile in box, Natural	24/Rk 360/Cs
AT-N10000-S	10ml standard pipette tip, sterile box, Natural, suitable for Eppendorf pipette	24/Rk 360/Cs
AT-G10000-S	10ml small mouth tip, suitable for: Gilson, Rainin (UNV series)	24/Rk 360/Cs
AT-R10000-S	10ml small mouth Pipette Tips, suitable for: Rainin (LTS series)	24/Rk 360/Cs

Bioland™ Filtered Pipette Tips

Bioland™ filtered pipette tips are manufactured from medical-grade polypropylene with ultra-high molecular weight polyethylene (UHMWPE) filters. The hydrophobic filter barrier creates a reliable protective structure between the pipettor and sample, ensuring aspiration safety while minimizing aerosol contamination. This design enhances experimental reproducibility and protects both users and instruments.

Key Features:

- Medical-grade polypropylene construction
- UHMWPE hydrophobic filter membrane
- Available in low-retention and standard filtered options
- Filter integrity maintained after autoclaving
- Non-coated design eliminates sample contamination
- Low-retention tips feature fully hydrophobic interior

Quality Specifications:

- RNase/DNase-free
- Non-cytotoxic
- PCR inhibitor-free
- Certified sterile (racked format)
- Autoclavable (bagged format)

Packaging Options:

- Pre-sterilized racked packaging
- Non-sterile bulk bags (autoclavable)

Applications:

Ideal for molecular biology, clinical diagnostics, and sensitive applications requiring maximum sample protection and minimal liquid retention.



Order NO.	Description	Package
Bioland™ sterile Rack Filteredtip ; sterile,RNase/DNase-free, pyrogen-free, and cytotoxin-free		
ATF-10-S	10ul Filtered element Pipette Tips, sterile Rack, Natrual	96/Rk 4800/Cs
ATF-20-S	20ul Filtered element Pipette Tips, sterile Rack, Natrual	96/Rk 4800/Cs
ATF-S20-S	20ml filter Pipette Tips Tips, sterile Rack, Natrual suitable for micro-point	96/Rk 4800/Cs
ATF-50-S	50ul Filtered head, sterile Rack, Natrual	96/Rk 4800/Cs
ATF-100-S	100ul Filtered head, sterile Rack, Natrual	96/Rk 4800/Cs

ATF-200-S	200ul FilteredPipette Tips Tips, sterile Rack	96/Rk 4800/Cs
ATF-300-S	300ul micro-Point Filtered Pipette Tips, sterile Rack, Natrual	96/Rk 4800/Cs
ATF-1000L-S	1ml Filtered Pipette Tips Tips, sterile Rack, blue, length 102mm	96/Rk 4800/Cs
ATF-1250-S	1250ul micro-Point tip FilteredPipette Tips, sterile Rack, Natrual	96/Rk 2880/Cs
ATF-5000-S	5ml Pipette Tips, sterile Rack, Natrual suitable for : Thermo, Brand	40/Rk 600/Cs
ATF-N5000-S	5ml Pipette Tips tip, sterile Rack packaging, suitable for Eibendorf Pipette Tips, compatible with: Eppendorf, Sartorius,Dragon	24/Rk 360/Cs
ATF-L5000-S	5ml extended Pipette Tips tip, compatible with : Eppendorf, Sartorius, Dragon	24 tubes/box, 15 boxes/box
ATF-G5000-S	5ml Pipette Tips, suitable for : Gilson, Rainin (UNV series)	24/Rk 360/Cs
ATF-R5000-S	5ml Pipette Tips, suitable for : Rainin (LTS series)	24/Rk 360/Cs
ATF-10000-S	10ml FilteredPipette Tips,sterile Rack, Natrual	24/Rk 360/Cs
ATF-N10000-S	10ml Filtered Pipette Tips Tips, sterile Rack,Natrual suitable for Eibande Pipette Tips	24/Rk 360/Cs
ATF-G10000-S	10ml Pipette Tips, suitable for : Gilson, Rainin (UNV series)	24/Rk 360/Cs
ATF-R10000-S	10ml Pipette Tips, suitable for : Rainin (LTS series)	24/Rk 360/Cs
Bioland™ filter tip ; Bulk, RNase/DNase-free, pyrogen-free, cytotoxin-free		
ATF-10	10ml FilteredPipette Tips Tips,Bulk,Natrual length 43.5mm	1000/Pk 10000/Cs
ATF-20	20ml FilteredPipette Tips Tips, Bulk, Natrual length 50.5mm	1000/Pk 10000/Cs
ATF-S20	20ml FilteredPipette Tips Tips, Bulk, Natrual length 43.5mm	1000/Pk 10000/Cs
ATF-50	50ml FilteredPipette Tips Tips, Bulk, Natrual length 50.5mm	1000/Pk 10000/Cs
ATF-100	100ul FilteredPipette Tips Tips,Bulk,Natrual length50.5mm	1000/Pk 10000/Cs
ATF-200	200ul FilteredPipette Tips Tips,Bulk,Natrual length 59mm	1000/Pk 10000/Cs
ATF-300	300ul micro-Point tip FilteredPipette Tips Tips, Bulk, Natrual length 59mm	1000/Pk 10000/Cs
ATF-1000L	1ml FilteredPipette Tips, Bulk, blue, length 102mm	1000/Pk 10000/Cs
ATF-1250	1250ul micro-Point tip FilteredPipette Tips, Bulk, Natrual length 119mm 10ml small mouth Pipette Tips, compatible with : Rainin (LTS series)	1000/Pk 10000/Cs

Bioland™ Wide-Orifice Pipette Tips

Bioland™ Wide-Orifice Tips are specifically designed for handling viscous samples and sensitive biological materials. Featuring an expanded orifice diameter, these tips minimize mechanical shear stress during pipetting to preserve sample integrity.

Key Benefits:

- Expanded orifice reduces shear stress on sensitive samples
- Ideal for genomic DNA, fragile cell lines, and viscous solutions
- Maintains cell viability during transfer operations
- Compatible with standard pipettors

Applications:

- Genomic DNA processing
- Transfer of fragile cell lines (macrophages, hybridomas, hepatocytes)
- Viscous sample handling
- Cell culture and molecular biology workflows

Design Features:

- Optimized internal diameter for challenging samples
- Standard pipettor compatibility
- Manufactured from premium polypropylene

Packaging Options:

- Non-sterile bags
- Sterile racked formats

These tips provide researchers working with macromolecules and delicate cells the flexibility needed for successful sample transfer while maintaining cellular viability and structural integrity.



number of order	description	package
AT-K200	200μL Wide-Orifice Tip, Orifice: 1.5mm, Non-sterile Bag	1000/Pk 10000/Cs
AT-K200-S	200μL Wide-Orifice Tip, Orifice: 1.5mm, Sterile Racked	96/Rk 4800/Cs
ATF-K200-S	200μL Wide-Orifice Tip, Orifice: 1.5mm, Sterile Racked, Filtered	96/Rk 4800/Cs
AT-KR200	200μL Low-Retention Wide-Orifice Tip, Orifice: 1.5mm, Non-sterile Bagged	1000/Pk 10000/Cs
AT-KR200-S	200μL Low-Retention Wide-Orifice Tip, Orifice: 1.5mm, Sterile Racked	96/Rk 4800/Cs
ATF-KR200-S	200μL Low-Retention Wide-Orifice Tip, Orifice: 1.5mm, Sterile Racked, Filtered	96/Rk 4800/Cs
AT-K1000	1mL Wide-Orifice Tip, Orifice: 2.0mm, Non-sterile Bag	1000/Pk 10000/Cs
AT-K1000-S	1mL Wide-Orifice Tip, Orifice: 2.0mm, Sterile Racked	96/Rk 4800/Cs
ATF-K1000-S	1mL Wide-Orifice Tip, Orifice: 2.0mm, Sterile Racked, Filtered	96/Rk 4800/Cs
AT-KR1000	1mL Low-Retention Wide-Orifice Tip, Orifice: 2.0mm, Non-sterile Bag	1000/Pk 10000/Cs
AT-KR1000-S	1mL Low-Retention Wide-Orifice Tip, Orifice: 2.0mm, Sterile Racked	96/Rk 4800/Cs
ATF-KR1000-S	1mL Low-Retention Wide-Orifice Tip, Orifice: 2.0mm, Sterile Racked, Filtered	96/Rk 4800/Cs

Bioland™ Barrier Specialty Filter Pipette Tips

Bioland™ Barrier Specialty Filter Pipette Tips are engineered with an integrated self-sealing filter mechanism that provides maximum protection against aerosol and liquid contamination. This advanced design creates a reliable barrier between the pipettor and sample, ensuring both user safety and instrument protection during critical liquid handling procedures.

Key Features:

Self-sealing filter design prevents aerosol transmission

Superior protection for users and pipettors

Maintains sample integrity

Compatible with most standard pipettors

Quality Specifications:

Certified free of RNase, DNase, and nucleic acids

ATP-free

Non-pyrogenic

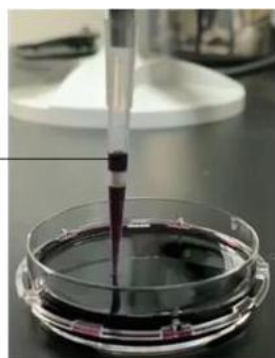
Pre-sterilized and ready-to-use

Applications:

Essential for molecular biology, clinical diagnostics, and sensitive applications where maximum contamination control and user protection are required. Particularly valuable when working with hazardous, infectious, or precious samples.

General filter Tips

Pipette contamination



Barrier Specialty Filter Pipette Tips

No pollution



Order number	Description	Package
Bioland™ Barrier Extended Length Pipette Tips, Sterile		
ATF-10-A-S	10ul, Tip in Rack, Clear, Length:43.5mm	96/Rack, 4800/Cs
ATF-20-A-S	20ul, Tip in Rack, Clear, Length:50.5mm	96/Rack, 4800/Cs
ATF-50-A-S	50ul, Tip in Rack, Clear, Length:50.5mm	96/Rack, 4800/Cs
ATF-100-A-S	100ul, Tip in Rack, Clear, Length:50.5mm	96/Rack, 4800/Cs
ATF-200-A-S	200ul, Tip in Rack, Clear, Length: 59mm	96/Rack, 4800/Cs
ATF-200X-A-S	200ul Extra long,Tip in Rack, Clear, Length:89mm	96/Rack, 2880/Cs
ATF-300-A-S	300ul,Tip in Rack, Clear, Length:89mm	96/Rack, 2880/Cs
ATF-1250-A-S	1250ul,Tip in Rack, Clear, Length:118mm	96/Rack, 2880/Cs

Bioland™ Refill Micropipette tip

Refill packing is more economical than boxed packing. More convenient than bulk, no need to insert the tip in the rack. Still upset about being a sucker? Still worried about the price of a box of suckers? Bioland™ introduced the stacked Pipette Tips effectively solves the Pipette Tips generation time and the labor cost aseptic stacked design cost may reduce to other brand bag price.



Order number	Description	Package
Bioland™ Refill tips; sterile		
AT-10-SS	10ul Extended tips, Refill tip; sterile, Clear	480/PK, 4800/CS
AT-200-SS	200ul Extended tips, Refill tip; sterile, Clear	480/PK, 4800/CS
AT-1250-SS	1250ul Extended tips, Refill tip; sterile, Clear	384/PK, 3840/CS

Bioland™ Pipette Tip Racks

Order number	Description	
TEB-10	Suitable for Bioland™ 10ul Pipette Tip ; 96 holes	50/CS
TEB-200	Suitable for Bioland™ 200ul Pipette Tip ; 96 holes	50/CS
TEB-1250	Suitable for Bioland™ 1250ul Pipette Tip ; 96 holes	30/CS
TEB-5000	Suitable for Bioland™ 5ml Pipette Tip; 40 holes	15/CS
TEB-N5000	Suitable for Bioland™ 5ml Pipette Tip; 24 holes	15/CS
TEB-10000	Suitable for Bioland™ 10ml Pipette Tip; 24 holes	15/CS





Bioland™ column pipette Tips——Special Tips for RAININ brand

Pipette pipette Tips are disposable, adaptive pipette Tips for accurate, and consistent transfer of small amounts of liquid in a variety of research applications.

Bioland™ column pipette heads are made of medical-grade polypropylene, high temperature sterilizable and chemically stable. The connector has a cylindrical design that perfectly matches pipettes designed with a light touch Tip LTS system. For more effective prevention of cross contamination, pipette tips with filter elements are provided. The filter element is made of sintered high density polyethylene particles to block the mist and protect the pipette from contamination.

In order to meet the needs of different customers, we provide four packaging methods: bag, box, filter cartridge box and stack

Order NO.	Description	Package
Bioland™™ pipette Tips; Bulk, RNase/DNase-free, Human DNA-free, Non-pyrogenic		
A-LTS-20	10ul、20ul; Bulk	1000pcs/Pk; 10Pk/Cs
A-LTS-200	200ul; Bulk	1000pcs/Pk; 10Pk/Cs
A-LTS-300	300ul; Bulk	1000pcs/Pk; 10Pk/Cs
A-LTS-1250	1000ul; Bulk	1000pcs/Pk; 10Pk/Cs
Bioland™™ pipette Tips; Rack; Sterile, RNase/DNase-free, Human DNA-free, Non-pyrogenic		
A-LTS-20-S	10ul、20ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
A-LTS-200-S	200ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
A-LTS-300-S	300ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
A-LTS-1250-S	1000ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
Bioland™™ Filter Pipette Tips; Sterile, RNase/DNase-free, Human DNA-free, Non-pyrogenic		
ATF-LTS-20	10ul、20ul; Bulk	1000pcs/Pk; 10Pk/Cs
ATF-LTS-200	200ul; Bulk	1000pcs/Pk; 10Pk/Cs
ATF-LTS-300	300ul; Bulk	1000pcs/Pk; 10Pk/Cs
ATF-LTS-1250	1000ul; Bulk	1000pcs/Pk; 10Pk/Cs
ATF-LTS-20-S	10ul、20ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
ATF-LTS-200-S	200ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
ATF-LTS-300-S	300ul; Sterile, Rack	96pcs/Box; 4880Pcs/Cs
ATF-LTS-1250-S	1000ul; Sterile, Rack	96pcs/Box; 2880Pcs/Cs
Bioland™™ Refill Pipette Tips; Sterile, RNase/DNase-free, Human DNA-free, Non-pyrogenic		
A-LTS-20-SS	10ul、20ul; Sterile, Refill	960Pcs/Rack; 10Rack/Cs
A-LTS-200-SS	200ul; Sterile, Refill	960Pcs/Rack; 10Rack/Cs
A-LTS-300-SS	300ul; Sterile, Refill	768Pcs/Rack; 10Rack/Cs
A-LTS-1250-SS	1000ul; Sterile, Refill	768Pcs/Rack; 10Rack/Cs



Bioland™ Automation Tips

Bioland™ Automation Tips are engineered to deliver precision and reliability for automated liquid handling systems. Available in multiple specialized series, these tips ensure seamless compatibility with leading robotic platforms including Tecan, Hamilton, Beckman, PerkinElmer, and Agilent automated workstations.

Product Series:

Key Features:

- Precision fit for reliable sealing
- Low retention options available
- Manufactured from virgin polypropylene
- Certified free of RNase, DNase, and human DNA
- Non-pyrogenic

Quality Assurance:

- Rigorously validated for automated systems
- Lot-to-lot consistency
- Comprehensive quality control testing

Applications:

High-throughput screening, genomic applications, drug discovery, and any automated liquid handling workflow requiring dependable tip performance.

Bioland™ TCA Series Automation Tips

- Validated for Tecan automated liquid handling systems
- Precision-molded for consistent performance
- Certified clean and contamination-free

Order No.	Description	Pack
ATC-10	10ul automated pipette tip; Natural; non-sterile; Racked	96/Rk 4800/Cs
ATC-F10	10ul automated pipette tip; Natural; Filtered; non-sterile; Racked	96/Rk 4800/Cs
ATC-10-S	10ul automated pipette tip; Natural; sterile; Racked	96/Rk 4800/Cs
ATC-F10-S	10ml automated pipette tip; Natural; Filtered; sterile; Racked	96/Rk 4800/Cs
BTC-10	10ml automated conductive tip; black; non-sterile; Racked	96/Rk 4800/Cs
BTC-F10	10ml automated conductive tip; black; Filtered; non-sterile; Racked	96/Rk 4800/Cs
BTC-10-S	10ul automated conductive tip; black; sterile; Racked	96/Rk 4800/Cs
BTC-F10-S	10ml automated conductive tip; black; Filtered; sterile; in a Racked	96/Rk 4800/Cs
ATC-50	50ul automated pipette tip; Natural; non-sterile; Racked	96/Rk 4800/Cs
ATC-F50	50ul automated pipette; Natural; Filtered; non-sterile; Racked	96/Rk 4800/Cs
ATC-50-S	50ul automated pipette tip; Natural; sterile; Racked	96/Rk 4800/Cs
ATC-F50-S	50ul automated pipette tip; Natural; Filtered; sterile; Racked	96/Rk 4800/Cs
BTC-50	50ul automated conductive tip; black; non-sterile; Racked	96/Rk 4800/Cs
BTC-F50	50ul automated conductive tip; black; Filtered; non-sterile; Racked	96/Rk 4800/Cs
BTC-50-S	50ul automated conductive tip; black; sterile; Racked	96/Rk 4800/Cs
BTC-F50-S	50ml automated conductive tip; black; Filtered; sterile; Racked	96/Rk 4800/Cs
ATC-200	200ul automated pipette tip; Natural; non-sterile; Racked	96/Rk 4800/Cs
ATC-F200	200ul automated pipette; Natural; Filtered; non-sterile; Racked	96/Rk 4800/Cs
ATC-200-S	200ul automated pipette tip; Natural; sterile; Racked	96/Rk 4800/Cs
ATC-F200-S	200ul automated pipette; Natural; Filtered; sterile; Racked	96/Rk 4800/Cs
BTC-200	200ul automated conductive tip; black; non-sterile; Racked	96/Rk 4800/Cs
BTC-F200	200ul automated conductive tip; black; Filtered; non-sterile; Racked	96/Rk 4800/Cs

BTC-200-S	200ul automated conductive tip; black; sterile; Racked	96/Rk 4800/Cs
BTC-F200-S	200ul automated conductive tip; black; Filtered; sterile; Racked	96/Rk 4800/Cs
ATC-1000	1000ul automated pipette tip; Natrual; non-sterile; Racked	96/Rk 4800/Cs
ATC-F1000	1000ul automated pipette; Natrual; Filtered; non-sterile; Racked	96/Rk 4800/Cs
ATC-1000-S	1000ul automated pipette tip; Natrual; sterile; Racked	96/Rk 4800/Cs
ATC-F1000-S	1000ul automated pipette; Natrual; Filtered; sterile; Racked	96/Rk 4800/Cs
BTC-1000	1000ul automated conductive tip; black; non-sterile; Racked	96/Rk 4800/Cs
BTC-F1000	1000ul automated conductive tip; black; Filtered; non-sterile; Racked	96/Rk 4800/Cs
BTC-1000-S	1000ul automated conductive tip; black; sterile; Racked	96/Rk 4800/Cs
BTC-F1000-S	1000ul automated conductive tip; black; Filtered; sterile; Racked	96/Rk 4800/Cs
AMCA-50-S	50ul MCA automated pipette tip; Natrual; sterile; Racked	96/Rk 4800/Cs
AMCA-F50-S	50ml MCA automated pipette; Natrual; with filter cartridge; sterile; Racked	96/Rk 4800/Cs
AMCA-200-S	200ul MCA automated pipette tip; Natrual; sterile; Racked	96/Rk 4800/Cs
AMCA-F200-	200ul MCA automated pipette tip; Natrual; Filtered; sterile; Racked	96/Rk 4800/Cs

Bioland™ HMT Series Automation Tips for Hamilton Platforms

Bioland™ HMT Series Automation Tips are precision-engineered specifically for Hamilton automated liquid handling systems. These tips ensure reliable sealing and consistent performance in high-throughput automated workflows.

Key Specifications:

Validated for Hamilton automated workstations
Precision-molded for optimal fit and performance
Manufactured from 100% virgin polypropylene
Available in low-retention and standard formulations

Quality Features:

RNase/DNase-free
Non-pyrogenic
Certified sterile options available
Lot-to-lot consistency guaranteed



Applications:

Ideal for high-throughput screening, automated sample preparation, and genomics workflows requiring dependable tip performance on Hamilton platforms.

Packaging:

Supplied in automation-compatible racks for seamless integration into Hamilton robotic systems.

Order No.	Description	Pack
AHM-50	50ul automated pipette tip ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
AHM-F50	50ul automated pipette ; Natrual ; Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
AHM-50-S	50ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
AHM-F50-S	50ul automated pipette tip ; Natrual ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
BHM-50	50ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BHM-F50	50ul automated conductive tip ; black ; Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
BHM-50-S	50ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BHM-F50-S	50ul automated conductive tip ; black ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
AHM-300	300ul automated pipette tip ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs

AHM-F300	300ul automated pipette ; Natrual ; Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
AHM-300-S	300ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
AHM-F300-S	300ul automated pipette ; Natrual ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
BHM-300	300ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BHM-F300	300ul automated conductive tip ; black ; Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
BHM-300-S	300ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BHM-F300-S	300ul automated conductive tip ; black ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
AHM-1000	1000ul automated small 5 syringe ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
AHM-F1000	1000ul automated pipette ; Natrual ; Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
AHM-1000-S	1000ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
AHM-F1000-S	1000ul automated pipette ; Natrual ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
BHM-1000	1000ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BHM-F1000	1000ul automated conductive tip ; black ; Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
BHM-1000-S	1000ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BHM-F1000-S	1000ul automated conductive tip ; black ; Filtered ; sterile ; Racked	96/Rk 4800/Cs
BHM-5ML-S	5ml automated conductive tip ; black ; sterile ; Blister box	24/Rk 720/Cs

Bioland™ APE Series Automation Tips for PerkinElmer Platforms

Bioland™ APE Series Automation Tips are precision-engineered specifically for PerkinElmer automated liquid handling systems. These tips deliver reliable sealing and consistent performance in high-throughput automated workflows.

Key Specifications:

Validated for PerkinElmer automated workstations

Precision-molded for optimal fit and performance

Manufactured from 100% virgin polypropylene

Available in low-retention and standard formulations

Quality Features:

RNase/DNase-free

Non-pyrogenic

Certified sterile options available

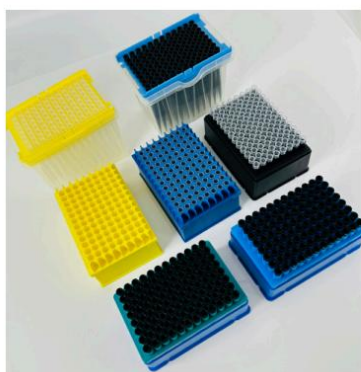
Lot-to-lot consistency guaranteed

Applications:

Ideal for high-throughput screening, automated sample preparation, and genomics workflows requiring dependable tip performance on PerkinElmer platforms.

Packaging:

Supplied in automation-compatible racks for seamless integration into PerkinElmer robotic systems.



Order

APE-50	50ul automated pipette tip ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
APE-F50	50ul automated pipette ; Natrual ;Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
APE-50-S	50ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
APE-F50-S	50ul automated pipette tip ; Natrual ;Filtered ; sterile ; Racked	96/Rk 4800/Cs
BPE-50	50ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BPE-F50	50ml automated conductive tip ; black ;Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
BPE-50-S	50ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BPE-F50-S	50ml automated conductive tip ; black ;Filtered ; sterile ; Racked	96/Rk 4800/Cs
AZT-50	50ul ZT automated pipette ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
AZT-F50	50ul ZT automated pipette ; Natrual ;Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
AZT-50-S	50ul ZT automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
AZT-F50-S	50ul ZT automated pipette ; Natrual ; Filtered; sterile ; Racked	96/Rk 4800/Cs
APE-200	200ul automated pipette tip ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
APE-F200	200ul automated pipette ; Natrual ;Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
APE-200-S	200ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
APE-F200-S	200ul automated pipette ; Natrual ; Filtered; sterile ; Racked	96/Rk 4800/Cs
BPE-200	200ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BPE-F200	200ul automated conductive tip ; black ;Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
BPE-200-S	200ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BPE-F200-S	200ul automated conductive tip ; black ;Filtered ;sterile ; Racked	96/Rk 4800/Cs
AZT-200	200ul ZT automated pipette ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
AZT-F200	200ul ZT automated pipette ; Natrual ; Filtered; non-sterile ; Racked	96/Rk 4800/Cs
AZT-200-S	200ul ZT automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
AZT-F200-S	200ulZT automated pipette ; Natrual ; Filtered; sterile ; Racked	96/Rk 4800/Cs
APE-1000	1000ul automated pipette ; Natrual ; non-sterile ; Racked	96/Rk 4800/Cs
APE-F1000	1000ul automated pipette tip ; Natrual ;Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
APE-1000-S	1000ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
APE-F1000-S	1000ul automated pipette ; Natrual ;Filtered ; sterile ; Racked	96/Rk 4800/Cs
BPE-1000	1000ul automated conductive tip ; black ; non-sterile ; Racked	96/Rk 4800/Cs
BPE-F1000	1000ul automated conductive tip ; black ;Filtered ; non-sterile ; Racked	96/Rk 4800/Cs
BPE-1000-S	1000ul automated conductive tip ; black ; sterile ; Racked	96/Rk 4800/Cs
BPE-F1000-S	1000ul automated conductive tip ; black ;Filtered ; sterile ; Racked	96/Rk 4800/Cs

Bioland™ BKM Series Automation Tips for Beckman Platforms

Bioland™ BKM Series Automation Tips are precision-engineered specifically for Beckman automated liquid handling systems. These tips ensure reliable sealing and consistent performance in high-throughput automated workflows while maintaining the highest quality standards.

Key Specifications:

Validated for Beckman automated workstations

Precision-molded for optimal fit and performance

Manufactured from 100% virgin polypropylene

Available in low-retention and standard formulations

Quality Features:

RNase/DNase-free

Non-pyrogenic

Certified sterile options available

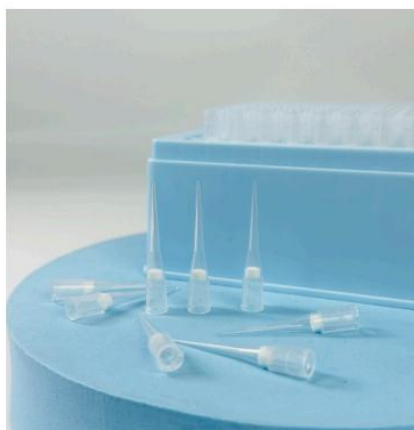
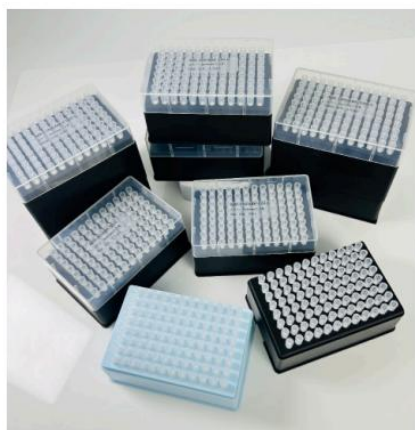
Lot-to-lot consistency guaranteed

Applications:

Ideal for high-throughput screening, automated sample preparation, and genomics workflows requiring dependable tip performance on Beckman platforms.

Packaging:

Supplied in automation-compatible racks for seamless integration into Beckman robotic systems.



Order No.	description	pack
ABK-20	20ul automated pipette tip ; Natrual ; Non-sterile ; Racked	96/Rk 4800/Cs
ABK-F20	20U automation pipette tip ; Natrual ; Filtered ; Non- sterile ; Rackeded	96/Rk 4800/Cs
ABK-20-S	20ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
ABK-F20-S	20ul automated pipette tip ; Natrual ; Filtered ; sterile ; Racked-packed	96/Rk 4800/Cs
ABK-50	50ul automated pipette tip ; Natrual ; Non-sterile ; Racked	96/Rk 4800/Cs
ABK-F50	50ul automated pipette tip ; Natrual ; Filtered ; Non- sterile ; Racked	96/Rk 4800/Cs
ABK-50-S	50ul automated pipette tip ; Natrual ; sterile ; Racked	96/Rk 4800/Cs
ABK-F50-S	50ul automated pipette tip ; Natrual ; Filtered ; sterile ; Rackeded	96/Rk 4800/Cs
ABK-250	250ul automated pipette tip ; Natrual ; Non-sterile ; Racked	96/Rk 4800/Cs
ABK-F250	250ul automated pipette tip ; Natrual ; Filtered ; Non- sterile ; Rackeded	96/Rk 4800/Cs
ABK-250-S	250ul automated pipette tip ; Natrual ; sterile ; Rackeded	96/Rk 4800/Cs
ABK-F250-S	250ul automated pipette tip ; Natrual ; Filtered ; sterile ; Racked	96/Rk 4800/Cs

Bioland™ AGL Series Automation Tips for Agilent Platforms

Bioland™ AGL Series Automation Tips are precision-engineered specifically for Agilent automated liquid handling systems. These tips ensure reliable sealing and consistent performance in high-throughput automated workflows while maintaining the highest quality standards.

Key Specifications:

- Validated for Agilent automated workstations
- Precision-molded for optimal fit and performance
- Manufactured from 100% virgin polypropylene
- Available in low-retention and standard formulations

Quality Features:

- RNase/DNase-free
- Non-pyrogenic
- Certified sterile options available
- Lot-to-lot consistency guaranteed

Applications:

Ideal for high-throughput screening, automated sample preparation, and genomics workflows requiring dependable tip performance on Agilent platforms.

Packaging:

Supplied in automation-compatible racks for seamless integration into Agilent robotic systems.



Order No.	description	pack
AGL-250	250ul automated pipette tip ; Natrual; non-sterile ; Racked	96/Rk 4800/Cs
AGL-F250	250ul automated pipette tip ; Natrual; Filtered ; non- sterile ; Racked	96/Rk 4800/Cs
AGL-250-S	250ul automated pipette tip ; Natrual; sterile ; Racked	96/Rk 4800/Cs
AGL-F250-S	250ul automated pipette tip ; Natrual; Filtered ; sterile ; Racked	96/Rk 4800/Cs

Bioland™ Pipettor tip fitting table

Pipette brand	Gilson	Eppendorf	Thermo	Brand	Rainin Be common	Sartorius	DragonLab
AT-10	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-200	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-300	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-1250	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-5000	No	No	Yes	Yes	No	No	No
AT-N5000	No	Yes	No	No	No	Yes	Yes
AT-10000	Yes	No	Yes	No	Yes	To be verified	No
AT-N10000	No	Yes	No	Yes	No	To be verified	Yes
AT-10-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-200-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-300-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-1250-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-5000-S	No	No	Yes	Yes	No	No	No
AT-N5000-S	No	Yes	No	No	No	Yes	Yes
AT-10000-S	Yes	No	Yes	No	Yes	To be verified	No
AT-N10000-S	No	Yes	No	Yes	No	To be verified	Yes
ATF-10	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-20	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-50	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-100	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-200	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-1250	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-10-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-20-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-50-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-100-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-200-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-1250-S	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATF-5000-S	No	No	Yes	Yes	No	No	No
ATF-N5000-S	No	Yes	No	No	No	Yes	Yes
ATF-10000-S	Yes	No	Yes	No	No	To be verified	No
ATF-N10000-S	No	Yes	No	Yes	Yes	To be verified	Yes
AT-10-SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-200-SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AT-1250-SS	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Bioland™ Square PET Media Bottles

Product Description

Bioland™ Square PET Media Bottles feature a space-efficient rectangular design that maximizes storage capacity in refrigerators and freezers. Manufactured from durable PET material, these bottles provide excellent chemical resistance and maintain exceptional clarity for easy content inspection.

Key Features

- Square design optimizes storage space utilization
- Leak-proof closure system ensures secure containment
- Molded graduations enable accurate volume monitoring
- Manufactured from USP Class VI certified PET material
- Excellent chemical resistance and durability

Quality Specifications

- Sterilized by gamma irradiation
- DNase/RNase-free
- Non-pyrogenic
- Non-cytotoxic
- Human DNA-free

Applications

- Liquid media storage and distribution
- Serum and buffer packaging
- Cell culture applications
- General laboratory liquid handling



All bottles are manufactured under ISO Class 7 cleanroom conditions and undergo rigorous quality control testing.

Order No.	description	package
MCB09-50	Sterile Square PET Media Bottles ; 50ml ; white Cap	72/Pk 144/Cs
MCB09-125	Sterile Square PET Media Bottles ; 125ml ; Natrual Cap	25/Pk 100/Cs
MCB09-250	Sterile Square PET Media Bottles ; 250ml ; Natrual Cap	30/Pk 60/Cs
MCB09-500	Sterile Square PET Media Bottles ; 500ml ; Natrual Cap	24/Pk 48/Cs
MCB09-1000	Sterile Square PET Media Bottles ; 1000ml ; Natrual Cap	12/Pk 24/Cs

Bioland™ Glass culture medium bottle with scale

High borosilicate material, in line with USP Type I standards. Can keep the PH value of the medium or biological sample stable for a long time. No effluent pollution.

Made of German ISOLAB standard borosilicate hydrochloric acid 3.3 glass

Can withstand high temperature autoclave sterilization

Special dumping port design ensures that the dumping is solution avoiding dripping with scale

With writing area

Optional standard Cap or puncture Cap



Order NO.	Description	Package
435-125	435-125 125ml medium bottle without lid, transparent; No Cap, 56x123mm	60Pcs/CS
755-125A	125ml medium bottle with lid, transparent; PBT resin Cap; Chloroprene rubber pad, 56x123mm	60Pcs/CS
755-125B	125ml culture medium bottle with puncture cap, transparent; PBT resin can puncture cap; Chloroprene rubber pad, 56x123mm	60Pcs/CS
755-125W	125ml culture medium bottle with puncture cap, transparent; With wheaton puncture Cap (DWK: 240680), 56x123mm	60Pcs/CS
437-250	250ml medium bottle without cap, transparent; 66x156mm	40Pcs/CS
757-250A	250ml medium bottle with lid, transparent; PBT resin Cap; Chloroprene rubber pad, 66x156	40Pcs/CS
757-250B	250ml culture medium bottle with puncture cap, transparent; PBT resin can puncture cap; Chloroprene rubber pad, 66x156mm	40Pcs/CS
757-250W	250ml culture medium bottle with puncture cap, transparent; Fitted with wheaton Puncture Cap (DWK: 240680) 66x156mm	40Pcs/CS
439-500	500ml medium bottle without Cap, transparent, 85x182mm	24Pcs/CS
759-500A	500ml medium bottle with cap, transparent; PBT resin cap; Chloroprene rubber pad, 85x182mm	24Pcs/CS
759-500B	500ml culture medium bottle with puncture cap, transparent; PBT resin can puncture cap; Chloroprene rubber pad, 85x182mm	24Pcs/CS
759-500W	500ml culture medium bottle with puncture cap, transparent; With wheaton puncture cap (DWK: 240680) 85x182mm	24Pcs/CS
33-430A	standard Cap, PBT resin Cap; Chloroprene rubber pad, 33mm	100 Pcs/Box
33-430B	puncture cap, PBT resin puncture cover; Chloroprene rubber pad, 33mm	100 Pcs/ Box

Bioland™ Square PETG Media Bottles with Closure

Suitable for the preparation and storage of active drugs, intermediates, buffers, media and other laboratory liquids. The low permeability of CO₂ and O₂ in commonly used plastics PETG can be used as a storage for Ph-sensitive substances.

100,000 clean workshop production

PETG bottle body; HDPE bottle cap

Sterile, enzyme-free, pyrogen free, cytotoxic free

Bag packing

Square design for greater use of storage space

Leak-proof, graduated

Used for packaging and transporting liquid media, buffers and serums



Order number	Description	Package
MCB19-30	PETG bottle body; Cap HDPE; 30ml; Natural lid	6/PK; 144/CS
MCB19-50	PETG bottle body; Cap HDPE; 60ml; Natural lid	6/PK; 144/CS
MCB19-125	PETG bottle body; Cap HDPE; 125ml; Natural lid	5/PK; 100/CS
MCB19-250	PETG bottle body; Cap HDPE; 250ml; Natural lid	5/PK; 60/CS
MCB19-500	PETG bottle body; Cap HDPE; 500ml; Natural lid	4/PK; 48/CS
MCB19-1000	PETG bottle body; Cap HDPE; 1000ml; Natural lid	4/PK; 24/CS



Sample Tubes Freezing Series

Bioland™ Sample Tubes Freezing Series

Bioland™ Micro Tubes

Screw Cap Micro Tubes robust design and material selection are well suited for work with biologics and offer rich features, including ultra-clear externally threaded tubes and UV protective amber tubes.

Packaged in bulk bags and non-sterile clean claims are;

RNase/DNase, DNA, pyrogen and endotoxin free.

Screw Cap micro tube volume range of 0.5, 1.5 and 2.0ml and are ideal for sample preparation, storage and transportation

Conical bottom or self standing offered with knurls in ultra clear natural or UV protective amber color

Tether caps and standard non tether caps are available in a rainbow of color options

Autoclavable and can be frozen and thawed repeatedly

RNase/DNase-free

Human DNA-free

Non- Pyrogen/Endotoxin

Non-cytotoxic

Sterile packaging is also available in small package sizes of 100 PCS/pallet

Cap colors available: red, orange, yellow, green, blue, pink, purple, white, brown, natural colors

Bioland™ Natural Screw Cap Micro Tubes

Order number	Description	Package
ST05-005	0.5ml; Skirted;	500/PK; 5000/CS
ST05-005-S	0.5ml; Skirted; Sterile	500/PK; 5000/CS
ST05-015	1.5ml; Skirted;	500/PK; 5000/CS
ST05-015-S	1.5ml; Skirted; Sterile	500/PK; 5000/CS
ST05-015N	1.5ml; No-Skirted;	500/PK; 5000/CS
ST05-015N-S	1.5ml; No-Skirted; Sterile	500/PK; 5000/CS
ST05-020	2.0ml; Skirted;	500/PK; 5000/CS
ST05-020-S	2.0ml; Skirted; Sterile	500/PK; 5000/CS



Bioland™ Amber Screw Cap Micro Tubes

Order number	Description	Package
STA05-005	0.5ml; Not Clear Amber, Skirted;	500/PK; 5000/CS
STA05-005-S	0.5ml; Not Clear Amber, Skirted; Sterile	500/PK; 5000/CS
STA05-015	1.5ml; Not Clear Amber, Skirted;	500/PK; 5000/CS
STA05-015-S	1.5ml; Not Clear Amber, Skirted; Sterile	500/PK; 5000/CS
STA05-020	2.0ml; Not Clear Amber, Skirted;	500/PK; 5000/CS
STA05-020-S	2.0ml; Not Clear Amber, Skirted; Sterile	500/PK; 5000/CS
STB05-005	0.5ml; Semi-clear Amber; Skirted;	500/PK; 5000/CS
STB05-005-S	0.5ml; Semi-clear Amber; Skirted; Sterile	500/PK; 5000/CS
STB05-015	1.5ml; Semi-clear Amber; Skirted;	500/PK; 5000/CS
STB05-015-S	1.5ml; Semi-clear Amber; Skirted; Sterile	500/PK; 5000/CS
STB05-020	2.0ml; Semi-clear Amber; Skirted;	500/PK; 5000/CS
STB05-020-S	2.0ml; Semi-clear Amber; Skirted; Sterile	500/PK; 5000/CS
STX05-005	0.5ml; Not Clear Brownish yellow, Skirted;	500/PK; 5000/CS



STX05-005-S	0.5ml; Not Clear Brownish yellow, Skirted; Sterile	500/PK; 5000/CS
STX05-015	1.5ml; Not Clear Brownish yellow, Skirted;	500/PK; 5000/CS
STX05-015-S	1.5ml; Not Clear Brownish yellow, Skirted; Sterile	500/PK; 5000/CS
STX05-020	2.0ml; Not Clear Brownish yellow, Skirted;	500/PK; 5000/CS
STX05-020-S	2.0ml; Not Clear Brownish yellow, Skirted; Sterile	500/PK; 5000/CS

Bioland™ Tether Screw Cap Micro Tubes

Order number	Description	Package
ST05-005-C	0.5ml; Tether caps; White mark; Skirted;	500/PK; 5000/CS
ST05-005-C-S	0.5ml; Tether caps; White mark; Skirted; Sterile	500/PK; 5000/CS
ST05-015-C	1.5ml; Tether caps; White mark; Skirted;	500/PK; 5000/CS
ST05-015-C-S	1.5ml; Tether caps; White mark; Skirted; Sterile	500/PK; 5000/CS
ST05-015N-C	1.5ml; Tether caps, Skirted;	500/PK; 5000/CS
ST05-015N-C-S	1.5ml; Tether caps, Skirted; Sterile	500/PK; 5000/CS
ST05-020-C	1.5ml; Tether caps; White mark; Skirted;	500/PK; 5000/CS
ST05-020-C-S	1.5ml; Tether caps; White mark; Skirted; Sterile	500/PK; 5000/CS
STB05-005-C	0.5ml; Tether caps; Semi-clear amber ; Skirted;	500/PK; 5000/CS
STB05-005-C-S	0.5ml; Tether caps; Semi-clear amber; Skirted; Sterile	500/PK; 5000/CS
STB05-015-C	1.5ml; Tether caps; Semi-clear amber ; Skirted;	500/PK; 5000/CS
STB05-015-C-S	1.5ml; Tether caps; Semi-clear amber; Skirted; Sterile	500/PK; 5000/CS
STB05-015N-C	1.5ml; Tether caps; Semi-clear amber ; No-Skirted;	500/PK; 5000/CS
STB05-015N-C-S	1.5ml ; Tether caps ; Semi-clear amber; No-Skirted; Sterile	500/PK; 5000/CS
STB05-020-C	2.0ml; Tether caps; Semi-clear amber ; Skirted;	500/PK; 5000/CS
STB05-020-C-S	2.0ml; Tether caps; Semi-clear amber; Skirted; Sterile	500/PK; 5000/CS



Bioland™ 5ml Screw Cap Micro Tubes, Skirted

There is a risk of leakage of 5-7ml pressed sample tubes under high and low negative pressures

The 5-7ml sample tube can be selected with screw cap and snap cap

Order number	Description	Package
ST05-050	5ml; Screw cap; With washer; With scale;	300/PK; 3000/CS
ST05-050-S	5ml; Screw cap; With washer; With scale; Sterile	300/PK; 3000/CS
ST05-S50	5ml; Screw cap; With washer; With scale;	300/PK; 3000/CS
ST05-S50-S	5ml; Screw cap; With washer; With scale; Sterile	300/PK; 3000/CS
ST05-507	5-7ml; Screw cap	200/PK; 2000/CS
ST05-507-S	5-7ml; Screw cap, Sterile	200/PK; 2000/CS
STP05-507	5-7ml; Snap cap	200/PK; 2000/CS
STP05-507-S	5-7ml; Snap cap, Sterile	200/PK; 2000/CS
STP05-510	10ml; Snap cap	200/PK; 2000/CS



Bioland™ 13mm Sample tube color cap

Color caps help customers distinguish between samples and reagents

13mm sample tube color cap can be adapted to 0.5ml, 1.5ml, 2.0ml

And 1.5ml non-selfstand sample tubes

RNase/DNase-free

Human DNA-free

Non- Pyrogen/Endotoxin

Non-cytotoxic

Sterile packaging was also provided



Order number	Description	Package
Bioland™ 13mm Sample tube color cap		
ST05-2R	13mm Sample tube color cap; Red	500/PK; 10PK/CS
ST05-2O	13mm Sample tube color cap;Orange	500/PK; 10PK/CS
ST05-2Y	13mm Sample tube color cap;Yellow	500/PK; 10PK/CS
ST05-2G	13mm Sample tube color cap;Green	500/PK; 10PK/CS
ST05-2B	13mm Sample tube color cap;Blue	500/PK; 10PK/CS
ST05-2P	13mm Sample tube color cap;Pink	500/PK; 10PK/CS
ST05-2V	13mm Sample tube color cap;Violet	500/PK; 10PK/CS
ST05-2W	13mm Sample tube color cap;White	500/PK; 10PK/CS
ST05-2A	13mm Sample tube color cap;Amber	500/PK; 10PK/CS
ST05-2N	13mm Sample tube color cap; Natural	500/PK; 10PK/CS

Bioland™ 18mm Sample tube color cap

Color caps help customers distinguish between samples and reagents

18mm sample tube color cap can be adapted to 5ml tubes

RNase/DNase-free

Human DNA-free

Non- Pyrogen/Endotoxin

Non-cytotoxic

Sterile packaging was also provided



Order NO.	Description	Package
ST05-5R	18mm Sample tube color cap; Red	300/PK; 10PK//CS
ST05-5O	18mm Sample tube color cap;Orange	300/PK; 10PK//CS
ST05-5Y	18mm Sample tube color cap;Yellow	300/PK; 10PK//CS
ST05-5G	18mm Sample tube color cap;Green	300/PK; 10PK//CS
ST05-5B	18mm Sample tube color cap;Blue	300/PK; 10PK//CS
ST05-5P	18mm Sample tube color cap;Pink	300/PK; 10PK//CS
ST05-5V	18mm Sample tube color cap;Violet	300/PK; 10PK//CS
ST05-5W	18mm Sample tube color cap;White	300/PK; 10PK//CS
ST05-5A	18mm Sample tube color cap;Amber	300/PK; 10PK//CS
ST05-5N	18mm Sample tube color cap; Natural	300/PK; 10PK//CS



Reagent Bottles Series

Resin		LDPE	HDPE	PP	PC	PET
Maximum Service Temperature °C		80	120	135	135	70
HDT Temperature°C		45	65	107	138	70
Embrittlement Temperature°C		-100	-100	0	-135	-40
Clear		Half Clear	Half Clear	Half Clear	Half Clear	Half Clear
High temperature and pressure sterilization		No	No	Yes	Yes	No
Sterilization	Gas	Yes	Yes	Yes	Yes	Yes
	Dry Heat	No	No	No	No	No
	Radiation	Yes	Yes	No	Yes	Yes
	Disinfectant	Yes	Yes	Yes	Yes	Part
Specific gravity		0.92	0.95	0.9	1.2	1.27
Flexibility		Excellent	Rigid	Rigid	Rigid	Medium
Permeability cc.-mil/100in ² -24 hr.-atm)	N ₂	180	42	48	50	10
	O ₂	500	185	240	300	25
	CO ₂	2700	580	800	1075	125

Notes:

1. Autoclaving is recommended at 121 ° C, 15 PSIG (1 bar) for 20 minutes.
2. For best results, use a low exhaust cycle.
3. Please unscrew or place the cap on the bottle, do not screw the seal before the operation of the Bioland™ produ

Bioland™ Narrow-Mouth Reagent Bottles

Product Description

Bioland™ Narrow-Mouth Reagent Bottles are manufactured from translucent polypropylene, offering excellent chemical resistance and autoclave capability. Designed for secure storage, sampling, and transportation of laboratory reagents.

Key Features

Translucent PP construction for content visibility

Leak-proof design with secure closure

Ready-to-use, no pre-cleaning required

Autoclavable (121°C, 15 psi)

Resistant to acids, alcohols, and bases

Available in sterile and non-sterile options

Technical Specifications

Material: Laboratory-grade polypropylene

Production: Manufactured in Class 100,000 cleanroom

Certification: DNase/Rnase-Free, Non-pyrogenic

Applications

Chemical reagent storage

Sample collection and transport

Buffer solution packaging

General laboratory liquid handling

Important Note

For autoclaving: completely remove cap and place loosely on bottle neck. Do not screw cap on during sterilization.

Packaging Options

Non-sterile (bulk packed)



Order number	Description	Package
Bioland™ Narrow-Mouth PP Bottles with Closure: Autoclavable; RNase/DNase-free		
NB05-4	4ml; PP bottle body; PP bottle cap	50/PK; 500/CS
NB05-8	8ml; PP bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB05-15	15ml; PP bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB05-30	30ml; PP bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB05-60	60ml; PP bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB05-125	125ml; PP bottle body; PP bottle cap	50 PCS/tray; 250 PCS/CS
NB05-250	250ml; PP bottle body; PP bottle cap	25 PCS/tray; 125 PCS/CS

NB05-500	500ml; PP bottle body; PP bottle cap	10/PK; 100/CS
NB05-1000	1000ml; PP bottle body; PP bottle cap	6/PK; 48/CS
NB05-1000P	1180ml; PP bottle body; PP bottle cap	6/PK; 48/CS
NB05-2000	2000ml; PP bottle body; PP bottle cap	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth PP Bottles with Closure: Autoclavable; RNase/DNase-free; Sterile		
NB05-4-S	4ml; PP bottle body; PP bottle cap; Sterile	50/PK; 500/CS
NB05-8-S	8ml; PP bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB05-15-S	15ml; PP bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB05-30-S	30ml; PP bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB05-60-S	60ml; PP bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB05-125-S	125ml; PP bottle body; PP bottle cap; Sterile	50 PCS/tray; 250 PCS/CS
NB05-250-S	250ml; PP bottle body; PP bottle cap; Sterile	25 PCS/tray; 125 PCS/CS
NB05-500-S	500ml; PP bottle body; PP bottle cap; Sterile	10/PK; 100/CS
NB05-1000-S	1000ml; PP bottle body; PP bottle cap; Sterile	6/PK; 48/CS
NB05-1000P-S	1180ml; PP bottle body; PP bottle cap; Sterile	6/PK; 48/CS
NB05-2000-S	2000ml; PP bottle body; PP bottle cap; Sterile	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth PP Bottles with Closure: Autoclavable; RNase/DNase-free; Bulk Pack		
NBG05-4	4ml; PP bottle body; PP bottle cap	500/CS
NBG05-8	8ml; PP bottle body; PP bottle cap	500/CS
NBG05-15	15ml; PP bottle body; PP bottle cap	500/CS
NBG05-30	30ml; PP bottle body; PP bottle cap	500/CS
NBG05-60	60ml; PP bottle body; PP bottle cap	500/CS
NBG05-125	125ml; PP bottle body; PP bottle cap	250/CS
NBG05-250	250ml; PP bottle body; PP bottle cap	125/CS
NBG05-500	500ml; PP bottle body; PP bottle cap	100/CS
NBG05-1000	1000ml; PP bottle body; PP bottle cap	48/CS
NBG05-1000P	1180ml; PP bottle body; PP bottle cap	48/CS

Bioland™ Round Narrow-Mouth HDPE Bottles

Product Overview

Bioland™™ Round Narrow-Mouth HDPE Bottles are engineered for reliable packaging and shipping of laboratory liquids. Manufactured from high-density polyethylene, these semi-rigid, translucent bottles deliver exceptional chemical resistance and durability for long-term storage and demanding applications.

Key Features

Excellent chemical compatibility for broad laboratory use

Linerless polypropylene closures ensure leakproof protection without contamination risk

Maintains integrity at temperatures down to -100°C

Uniform wall construction prevents splitting and punctures

Manufactured from high-quality, laboratory-grade HDPE

Quality Specifications

RNase/DNase-free

Non-toxic material composition

Low extractables and leachables

Available in sterile and non-sterile options

Applications

Chemical reagent storage

Sample preservation and transport

Long-term liquid storage

General laboratory solutions handling

Packaging Options

Sterile: Individually packaged

Non-sterile: Bulk packaged

Ideal for pharmaceutical, biotech, and research laboratories requiring reliable chemical storage solutions.



Order number	Description	Package
Bioland™™ Narrow-Mouth HDPE Lab Quality Bottles with Closure		
NB02-4	4ml; HDPE bottle body; PP bottle cap	50/PK; 500/CS
NB02-8	8ml; HDPE bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB02-15	15ml; HDPE bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB02-30	30ml; HDPE bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB02-60	60ml; HDPE bottle body; PP bottle cap	50 PCS/tray; 500 PCS/CS
NB02-125	125ml; HDPE bottle body; PP bottle cap	50 PCS/tray; 250 PCS/CS
NB02-250	250ml; HDPE bottle body; PP bottle cap	25 PCS/tray; 125 PCS/CS
NB02-500	500ml; HDPE bottle body; PP bottle cap	10/PK; 100/CS
NB02-1000	1000ml; HDPE bottle body; PP bottle cap	6/PK; 48/CS
NB02-1000P	1180ml; HDPE bottle body; PP bottle cap	6/PK; 48/CS
NB02-2000	2000ml; HDPE bottle body; PP bottle cap	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth HDPE Lab Quality Bottles with Closure; Sterile		
NB02-4-S	4ml; HDPE bottle body; PP bottle cap; Sterile	50/PK; 500/CS
NB02-8-S	8ml; HDPE bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB02-15-S	15ml; HDPE bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB02-30-S	30ml; HDPE bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB02-60-S	60ml; HDPE bottle body; PP bottle cap; Sterile	50 PCS/tray; 500 PCS/CS
NB02-125-S	125ml; HDPE bottle body; PP bottle cap; Sterile	50 PCS/tray; 250 PCS/CS
NB02-250-S	250ml; HDPE bottle body; PP bottle cap; Sterile	25 PCS/tray; 125 PCS/CS
NB02-500-S	500ml; HDPE bottle body; PP bottle cap; Sterile	10/PK; 100/CS
NB02-1000-S	1000ml; HDPE bottle body; PP bottle cap; Sterile	6/PK; 48/CS
NB02-1000P-S	1180ml; HDPE bottle body; PP bottle cap; Sterile	6/PK; 48/CS
NB02-2000-S	2000ml; HDPE bottle body; PP bottle cap; Sterile	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth HDPE Lab Quality Bottles with Closure; Bulk Pack		
NBG02-4	4ml; HDPE bottle body; PP bottle cap	500/CS
NBG02-8	8ml; HDPE bottle body; PP bottle cap	500/CS
NBG02-15	15ml; HDPE bottle body; PP bottle cap	500/CS
NBG02-30	30ml; HDPE bottle body; PP bottle cap	500/CS
NBG02-60	60ml; HDPE bottle body; PP bottle cap	500/CS
NBG02-125	125ml; HDPE bottle body; PP bottle cap	250/CS
NBG02-250	250ml; HDPE bottle body; PP bottle cap	125/CS
NBG02-500	500ml; HDPE bottle body; PP bottle cap	100/CS
NBG02-1000	1000ml; HDPE bottle body; PP bottle cap	48/CS
NBG02-1000P	1180ml; HDPE bottle body; PP bottle cap	48/CS

Bioland™ Amber Narrow-Mouth HDPE Bottles

Product Description

Bioland™ Amber Narrow-Mouth HDPE Bottles are manufactured from light-protective high-density polyethylene, providing optimal protection for light-sensitive compounds. These durable, leak-proof bottles require no pre-cleaning and deliver reliable performance for storage and transportation of sensitive reagents.

Key Features

- Light-protective amber HDPE construction
- Leak-proof design with secure closure
- Ready-to-use, no cleaning required
- Excellent resistance to most acids, bases, and alcohols
- Rugged construction for long-term use

Quality Assurance

- Manufactured from non-toxic materials
- RNase/DNase-free
- Produced under controlled cleanroom conditions
- Certified chemical compatibility

Applications

- Storage and transport of light-sensitive reagents
- Chemical solution packaging
- Photolabile compound protection
- General laboratory chemical storage

Packaging Options

- Non-sterile (bulk packed)
- Sterile (individually packed)

Ideal for pharmaceutical, research, and industrial applications requiring reliable protection of light-sensitive materials.



Order number	Capacity	Package
Bioland™ Narrow-Mouth Amber HDPE Lab Quality Bottles with Closure		
ANB02-4	4ml; HDPE bottle body; PP bottle cap; Amber	50/PK; 500/CS
ANB02-8	8ml; HDPE bottle body; PP bottle cap; Amber	50 PCS/tray; 500 PCS/CS
ANB02-15	15ml; HDPE bottle body; PP bottle cap; Amber	50 PCS/tray; 500 PCS/CS
ANB02-30	30ml; HDPE bottle body; PP bottle cap; Amber	50 PCS/tray; 500 PCS/CS
ANB02-60	60ml; HDPE bottle body; PP bottle cap; Amber	50 PCS/tray; 500 PCS/CS
ANB02-125	125ml; HDPE bottle body; PP bottle cap; Amber	50 PCS/tray; 250 PCS/CS

ANB02-250	250ml; HDPE bottle body; PP bottle cap; Amber	25 PCS/tray; 125 PCS/CS
ANB02-500	500ml; HDPE bottle body; PP bottle cap; Amber	10/PK; 100/CS
ANB02-1000	1000ml; HDPE bottle body; PP bottle cap; Amber	6/PK; 48/CS
ANB02-1000P	1180ml; HDPE bottle body; PP bottle cap; Amber	6/PK; 48/CS
ANB02-2000	2000ml; HDPE bottle body; PP bottle cap; Amber	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth Amber HDPE Lab Quality Bottles with Closure; Sterile		
ANB02-4-S	4ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50/PK; 500/CS
ANB02-8-S	8ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50 PCS/tray; 500 PCS/CS
ANB02-15-S	15ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50 PCS/tray; 500 PCS/CS
ANB02-30-S	30ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50 PCS/tray; 500 PCS/CS
ANB02-60-S	60ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50 PCS/tray; 500 PCS/CS
ANB02-125-S	125ml; HDPE bottle body; PP bottle cap; Sterile; Amber	50 PCS/tray; 250 PCS/CS
ANB02-250-S	250ml; HDPE bottle body; PP bottle cap; Sterile; Amber	25 PCS/tray; 125 PCS/CS
ANB02-500-S	500ml; HDPE bottle body; PP bottle cap; Sterile; Amber	10/PK; 100/CS
ANB02-1000-S	1000ml; HDPE bottle body; PP bottle cap; Sterile; Amber	6/PK; 48/CS
ANB02-1000P-S	1180ml; HDPE bottle body; PP bottle cap; Sterile; Amber	6/PK; 48/CS
ANB02-2000-S	2000ml; HDPE bottle body; PP bottle cap; Sterile; Amber	Individual packaging; 25/CS
Bioland™™ Narrow-Mouth Amber HDPE Lab Quality Bottles with Closure; Bulk Pack		
ANBG02-4	4ml; HDPE bottle body; PP bottle cap; Amber	500/CS
ANBG02-8	8ml; HDPE bottle body; PP bottle cap; Amber	500/CS
ANBG02-15	15ml; HDPE bottle body; PP bottle cap; Amber	500/CS
ANBG02-30	30ml; HDPE bottle body; PP bottle cap; Amber	500/CS
ANBG02-60	60ml; HDPE bottle body; PP bottle cap; Amber	500/CS
ANBG02-125	125ml; HDPE bottle body; PP bottle cap; Amber	250/CS
ANBG02-250	250ml; HDPE bottle body; PP bottle cap; Amber	125/CS
ANBG02-500	500ml; HDPE bottle body; PP bottle cap; Amber	100/CS
ANBG02-1000	1000ml; HDPE bottle body; PP bottle cap; Amber	48/CS
ANBG02-1000P	1180ml; HDPE bottle body; PP bottle cap; Amber	48/CS
ANBG02-2000	2000ml; HDPE bottle body; PP bottle cap; Amber	25/CS

Bioland™ Wide-Mouth PP Bottles with Closure, Autoclavable

Product Overview

Bioland™™ Wide-Mouth Polypropylene Bottles are engineered for reliable specimen storage where autoclave sterilization is required. Manufactured from high-quality, laboratory-grade PP material, these bottles deliver excellent chemical resistance and minimal leachables/extractables for demanding laboratory applications.

Key Features

- Wide-mouth design facilitates easy filling and cleaning
- Linerless polypropylene closures provide leak-proof protection
- Excellent chemical resistance to most acids, bases, and alcohols
- Translucent construction allows clear liquid level visualization
- Fully autoclavable for repeated sterilization cycles

Quality Specifications

- RNase/DNase-free certification
- Manufactured from non-toxic materials
- Available in sterile and non-sterile options
- Low extractables/leachables profile

Packaging Options

Non-sterile (bulk packed)

Sterile packed

Applications:

- Specimen collection and storage
- Chemical reagent packaging
- Media preparation and storage
- General laboratory liquid handling



Important Note

For autoclaving: completely disengage threads or remove cap before sterilization to ensure proper pressure equalization and container integrity.

*Ideal for pharmaceutical, biotechnology, and research laboratories requiring reliable, autoclavable storage solutions.

Order number	Description	Package
Bioland™™ Wide-Mouth Lab Quality PP Bottles with Closure; RNase/DNase-free		
WB05-30	30ml; PP bottle body; PP bottle cap	50/Tray; 500/CS
WB05-60	60ml; PP bottle body; PP bottle cap	50/Tray; 500/CS
WB05-125	125ml; PP bottle body; PP bottle cap	50/Tray; 250/CS
WB05-250	250ml; PP bottle body; PP bottle cap	25/Tray; 125/CS
WB05-500	500ml; PP bottle body; PP bottle cap	10/PK; 100/CS
WB05-1000	1000ml; PP bottle body; PP bottle cap	6/Pk; 48/CS
WB05-2000S	2000ml; PP bottle body; PP bottle cap; caliber 63mm	Individual packaging; 25/CS
WB05-2000	2000ml; PP bottle body; PP bottle cap	Individual packaging; 25/CS
WB05-4000S	4000ml; PP bottle body; PP bottle cap; caliber 63mm	Individual packaging; 6/CS
WB05-4000	4000ml; PP bottle body; PP bottle cap	Individual packaging; 6/CS
Bioland™™ Wide-Mouth PP Bottles with Closure; RNase/DNase-free; Sterile		
WB05-30-S	30ml; PP bottle body; PP bottle cap; Sterile	50/Tray; 500/CS
WB05-60-S	60ml; PP bottle body; PP bottle cap; Sterile	50/Tray; 500/CS
WB05-125-S	125ml; PP bottle body; PP bottle cap; Sterile	50/Tray; 250/CS
WB05-250-S	250ml; PP bottle body; PP bottle cap; Sterile	25/Tray; 125/CS
WB05-500-S	500ml; PP bottle body; PP bottle cap; Sterile	10/PK; 100/CS

WB05-1000-S	1000ml; PP bottle body; PP bottle cap; Sterile	6/Pk; 48/CS
WB05-2000S-S	2000ml; PP bottle body; PP bottle cap; caliber 63mm; Sterile	Individual packaging; 25/CS
WB05-2000-S	2000ml; PP bottle body; PP bottle cap; Sterile	Individual packaging; 25/CS
WB05-4000S-S	4000ml; PP bottle body; PP bottle cap; caliber 63mm; Sterile	Individual packaging; 6/CS
WB05-4000-S	4000ml; PP bottle body; PP bottle cap; Sterile	Individual packaging; 6/CS
Bioland™™ Wide-Mouth PP Bottles with Closure; RNase/DNase-free; Bulk Pack		
WBG05-30	30ml; PP bottle body; PP bottle cap	500/CS
WBG05-60	60ml; PP bottle body; PP bottle cap	500/CS
WBG05-125	125ml; PP bottle body; PP bottle cap	250/CS
WBG05-250	250ml; PP bottle body; PP bottle cap	125/CS
WBG05-500	500ml; PP bottle body; PP bottle cap	100/CS
WBG05-1000	1000ml; PP bottle body; PP bottle cap	48/CS

Bioland™ Wide-Mouth HDPE Bottles with Closure

Product Overview

Bioland™™ Wide-Mouth HDPE Bottles are engineered for reliable storage, sampling, transport, and packaging of laboratory reagents. Constructed from high-quality, laboratory-grade high-density polyethylene, these bottles deliver excellent chemical resistance and durability for demanding applications.

Key Features

Excellent Chemical Resistance: Withstands most acids, bases, and alcohols

Broad Temperature Tolerance: Suitable for freezer storage down to -100°C

Secure Closure System: Linerless polypropylene caps provide leakproof protection without risk of liner-induced contamination

Durable Construction: Uniform walls resist splitting and puncturing

High-Quality Material: Manufactured from laboratory-grade HDPE for low leachables and extractables

Quality Specifications

RNase/DNase-free

Manufactured from non-toxic materials

Available in sterile and non-sterile options

Applications

Ideal for chemical storage, sample transport, and general laboratory use where reliable containment and chemical compatibility are essential



Order number	Description	Package
Bioland™™ Wide-Mouth Lab Quality HDPE Bottles; RNase/DNase-free		
WB02-30	30ml; HDPE bottle body; PP bottle cap	50/Tray; 500/CS
WB02-60	60ml; HDPE bottle body; PP bottle cap	50/Tray; 500/CS
WB02-125	125ml; HDPE bottle body; PP bottle cap	50/Tray; 250/CS
WB02-250	250ml; HDPE bottle body; PP bottle cap	25/Tray; 125/CS
WB02-500	500ml; HDPE bottle body; PP bottle cap	10/PK; 100/CS
WB02-1000	1000ml; HDPE bottle body; PP bottle cap	6/Pk; 48/CS
WB02-2000S	2000ml; HDPE bottle body; PP bottle cap; Caliber:63mm	Individual packaging; 25/CS
WB02-2000	2000ml; HDPE bottle body; PP bottle cap	Individual packaging; 25/CS
WB02-4000S	4000ml; HDPE bottle body; PP bottle cap; Caliber:63mm	Individual packaging; 6/CS
WB02-4000	4000ml; HDPE bottle body; PP bottle cap	Individual packaging; 6/CS
Bioland™™ Wide-Mouth Lab Quality HDPE Bottles; RNase/DNase-free;Sterile		
WB02-30-S	30ml; HDPE bottle body; PP bottle cap	50/Tray; 500/CS
WB02-60-S	60ml; HDPE bottle body; PP bottle cap	50/Tray; 500/CS
WB02-125-S	125ml; HDPE bottle body; PP bottle cap	50/Tray; 250/CS
WB02-250-S	250ml; HDPE bottle body; PP bottle cap	25/Tray; 125/CS
WB02-500-S	500ml; HDPE bottle body; PP bottle cap	10/PK; 100/CS
WB02-1000-S	1000ml; HDPE bottle body; PP bottle cap	6/Pk; 48/CS
WB02-2000S-S	2000ml; HDPE bottle body; PP bottle cap; Caliber:63mm	Individual packaging; 25/CS
WB02-2000-S	2000ml; HDPE bottle body; PP bottle cap	Individual packaging; 25/CS
WB02-4000S-S	4000ml; HDPE bottle body; PP bottle cap; Caliber:63mm	Individual packaging; 6/CS
WB02-4000-S	4000ml; HDPE bottle body; PP bottle cap	Individual packaging; 6/CS
Bioland™™ Wide-Mouth HDPE Bottles; RNase/DNase-free; Bulk Pack		
WBG02-30	30ml; HDPE bottle body; PP bottle cap	500/CS
WBG02-60	60ml; HDPE bottle body; PP bottle cap	500/CS
WBG02-125	125ml; HDPE bottle body; PP bottle cap	250/CS
WBG02-250	250ml; HDPE bottle body; PP bottle cap	125/CS
WBG02-500	500ml; HDPE bottle body; PP bottle cap	100/CS
WBG02-1000	1000ml; HDPE bottle body; PP bottle cap	48/CS

Bioland™ Amber Wide-Mouth HDPE Bottles with Closure

Product Overview

Bioland™ Amber Wide-Mouth HDPE Bottles are manufactured from light-protective high-density polyethylene, providing reliable protection for light-sensitive materials. These durable bottles feature a leak-proof design and require no pre-cleaning, making them ideal for storage and transport of photosensitive reagents.

Key Features

Light-protective amber HDPE construction

Leak-proof wide-mouth design with secure closure

Ready-to-use, no cleaning required

Excellent chemical resistance to most acids, bases, and alcohols

Rugged construction ensures long-term durability

Quality Specifications

RNase/DNase-free

Non-pyrogenic

Manufactured from non-toxic materials

Produced in Class 100,000 cleanroom environment

Applications

Storage and transport of light-sensitive reagents

Chemical solution packaging

Photolabile compound protection

General laboratory chemical storage

Packaging Options

Non-sterile (bulk packed)

Sterile packed, gamma-irradiated

Ideal for pharmaceutical, research, and industrial applications requiring reliable protection of light-sensitive materials. All bottles are manufactured from Virgin materials and undergo rigorous quality control testing.



Order number	Description	Package
Bioland™ Wide-Mouth Lab Quality Amber HDPE Bottles; RNase/DNase-free		
AWB02-30	30ml; HDPE bottle body; PP bottle cap; Amber	50/Tray; 500/CS
AWB02-60	60ml; HDPE bottle body; PP bottle cap; Amber	50/Tray; 500/CS
AWB02-125	125ml; HDPE bottle body; PP bottle cap; Amber	50/Tray; 250/CS
AWB02-250	250ml; HDPE bottle body; PP bottle cap; Amber	25/Tray; 125/CS
AWB02-500	500ml; HDPE bottle body; PP bottle cap; Amber	10/PK; 100/CS
AWB02-1000	1000ml; HDPE bottle body; PP bottle cap; Amber	6/Pk; 48/CS
AWB02-2000S	2000ml; HDPE bottle body; PP bottle cap; Caliber:63mm; Amber	Individual packaging; 25/CS
AWB02-2000	2000ml; HDPE bottle body; PP bottle cap; Amber	Individual packaging; 25/CS
AWB02-4000S	4000ml; HDPE bottle body; PP bottle cap; Caliber:63mm; Amber	Individual packaging; 6/CS
AWB02-4000	4000ml; HDPE bottle body; PP bottle cap; Amber	Individual packaging; 6/CS

Bioland™™ Wide-Mouth Lab Quality Amber HDPE Bottles; RNase/DNase-free; Sterile

AWB02-30-S	30ml; HDPE bottle body; PP bottle cap; Amber; Sterile	50/Tray; 500/CS
AWB02-60-S	60ml; HDPE bottle body; PP bottle cap; Amber; Sterile	50/Tray; 500/CS
AWB02-125-S	125ml; HDPE bottle body; PP bottle cap; Amber; Sterile	50/Tray; 250/CS
AWB02-250-S	250ml; HDPE bottle body; PP bottle cap; Amber; Sterile	25/Tray; 125/CS
AWB02-500-S	500ml; HDPE bottle body; PP bottle cap; Amber; Sterile	10/PK; 100/CS
AWB02-1000-S	1000ml; HDPE bottle body; PP bottle cap; Amber; Sterile	6/Pk; 48/CS
AWB02-2000S-S	2000ml; HDPE bottle body; PP bottle cap; Caliber:63mm; Amber; Sterile	Individual packaging; 25/CS
AWB02-2000-S	2000ml; HDPE bottle body; PP bottle cap; Amber; Sterile	Individual packaging; 25/CS
AWB02-4000S-S	4000ml; HDPE bottle body; PP bottle cap; Caliber:63mm; Amber; Sterile	Individual packaging; 6/CS
AWB02-4000-S	4000ml; HDPE bottle body; PP bottle cap; Amber; Sterile	Individual packaging; 6/CS

Bioland™™ Wide-Mouth Lab Quality Amber HDPE Bottles; RNase/DNase-free; 大 Package

AWBG02-30	30ml; HDPE bottle body; PP bottle cap; Amber	500/CS
AWBG02-60	60ml; HDPE bottle body; PP bottle cap; Amber	500/CS
AWBG02-125	125ml; HDPE bottle body; PP bottle cap; Amber	250/CS
AWBG02-250	250ml; HDPE bottle body; PP bottle cap; Amber	125/CS
AWBG02-500	500ml; HDPE bottle body; PP bottle cap; Amber	100/CS
AWBG02-1000	1000ml; HDPE bottle body; PP bottle cap; Amber	48/CS

Bioland™ 2L/4L Large-Capacity Reagent Bottles

Product Overview

Bioland™ large-capacity reagent bottles are available in 2L and 4L sizes, manufactured from three material options to meet diverse laboratory storage requirements. Each material provides specific performance characteristics for specialized applications.

Material Options & Features

Polypropylene (PP): Autoclavable for repeated sterilization cycles

High-Density Polyethylene (HDPE): Excellent impact resistance and low-temperature tolerance

Amber HDPE: Superior light protection for photosensitive contents

Design Specifications

Available in wide-mouth and narrow-neck configurations

Secure closure systems ensure leak-proof performance

Manufactured under controlled cleanroom conditions

Quality & Compliance

RNase/DNase-free

Non-pyrogenic

Available in sterile and non-sterile packaging options

Applications

Bulk reagent storage and preparation

Chemical solution containment

Light-sensitive material protection

Long-term sample preservation

Important Note

For autoclaving PP bottles: completely remove cap and place loosely on container neck. Do not engage threads during sterilization.

All bottles undergo rigorous quality validation to ensure performance standards and material compatibility.



Order No.	description	Package
Bioland™ narrow-mouth reagent bottle ;RNase/DNase-Free		
NB05-2000	2000ml ;Narrow-Mouthed Bottle ;; PP body ; PP Cap	1/Pk 25/Cs
NB05-2000-S	2000ml ;Sterile Narrow-Mouthed Bottle ; PP body ; PP lid	1/Pk 25/Cs
NB02-2000	2000ml ;Narrow-Mouthed Reagent Bottle ; HDPE body ; PP Cap	1/Pk 25/Cs
NB02-2000-S	2000ml ;Sterile Narrow-Mouthed Bottle ; HDPE body ; PP Cap	1/Pk 25/Cs

ANB02-2000	2000ml ; Narrow-Mouthed Reagent Bottle; brown HDPE body ; PP Cap	1/Pk 25/Cs
ANB02-2000-S	2000ml ;Sterile Narrow-Mouthed Bottle ; brown HDPE body ; PP Cap	1/Pk 25/Cs
Bioland™ wide-mouth reagent bottles ; RNase/DNase-Free		
WB05-2000S	2000ml ; Wide-Mouth Reagent Bottle; PP body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 25/Cs
WB05-2000	2000ml ; Wide-Mouth Reagent Bottle ; PP body ; PP Cap	1/Pk 25/Cs
WB05-4000S	4000ml ; Wide-Mouth Reagent Bottle; PP bottle body ; PP bottle cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 6/Cs
WB05-4000	4000ml ; wide mouth reagent bottle ; PP body ; PP Cap	1/Pk 6/Cs
WB05-2000S-S	2000ml ;Sterile Wide-Mouthed Bottle ; PP body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 25/Cs
WB05-2000-S	2000ml ;Sterile Narrow-Mouthed Bottle; PP body ; PP Cap	1/Pk 25/Cs
WB05-4000S-S	4000ml ;Sterile Wide-Mouthed Bottle; PP body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 6/Cs
WB05-4000-S	4000ml ;Sterile Narrow-Mouthed Bottle; PP body ; PP Cap	1/Pk 6/Cs
WB02-2000S	2000ml ; Wide-Mouth Reagent Bottle; HDPE body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 25/Cs
WB02-2000	2000ml ; wide mouth reagent bottle ; HDPE body ; PP Cap	1/Pk 25/Cs
WB02-4000S	4000ml ; Wide-Mouth Reagent Bottle; HDPE body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 6/Cs
WB02-4000	4000ml ; wide mouth reagent bottle ; HDPE body ; PP Cap	1/Pk 6/Cs
WB02-2000S-S	2000ml ;Sterile Wide-Mouthed Bottle; HDPE body ; PP cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 25/Cs
WB02-2000-S	2000ml ; sterile wide-mouth reagent bottle ; HDPE body ; PP Cap	1/Pk 25/Cs
WB02-4000S-S	4000ml ;Sterile Wide-Mouthed Bottle ; HDPE body ; PP cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 6/Cs
WB02-4000-S	4000ml ;Sterile Wide-Mouthed Bottle HDPE body ; PP Cap	1/Pk 6/Cs
AWB02-2000S-S	2000ml ;Sterile Wide-Mouthed Bottle ; brown HDPE body ; PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 25/Cs
AWB02-2000-S	2000ml ;Sterile Wide-Mouthed Bottle; brown HDPE body ; PP Cap	1/Pk 25/Cs
AWB02-4000S-S	4000ml ;Sterile Wide-Mouthed Bottle ; brown HDPE body ;PP Cap ; Diameter (Metric) Inner Neck: 63mm	1/Pk 6/Cs
AWB02-4000-S	4000ml ;Sterile Wide-Mouthed Bottle; brown HDPE body ; PP Cap	1/Pk 6/Cs

Bioland™ G3 Wet Electronic Grade Clean Bottles

Product Overview

Bioland™ specializes in the manufacturing of plastic packaging containers with dedicated cleanroom production facilities and precision equipment systems. Our Electronic Grade Clean Bottles meet the stringent requirements of Wet Electronic Chemicals Grade G3 standards, providing superior cleanliness for semiconductor and new material applications.

Technical Specifications

Purity Level: Complies with Wet Electronic Chemicals Grade G3 standards

Metal Ions: ≤ 1ppb

Particle Control: Meets semiconductor industry particulate requirements

Material Construction: HDPE bottle body with PP closure

Light Protection: Amber color provides UV protection

Key Features

Excellent impact resistance and drop protection

Superior chemical compatibility

UV-blocking amber material

Cleanroom manufactured and packaged

Precision-molded for minimal leachables

Applications

Semiconductor manufacturing

Wet electronic chemicals packaging

High-purity chemical storage

Photovoltaic industry

Flat panel display production

New material research and development



Quality Assurance

Manufactured in controlled cleanroom environment

Validated cleaning and packaging processes

Consistent lot-to-lot performance

Comprehensive quality testing

Bioland™ G3 Electronic Grade Clean Bottles deliver the exceptional purity and reliability required for critical semiconductor and advanced material applications, ensuring container integrity and material compatibility throughout the supply chain.

SEMI standard	G1	G2	G3	G4	G5
Metal impurities/(ug/L)	≤ 1000	≤ 10	≤ 1	≤ 0.1	≤ 0.01
Controlled particle size/um	≤ 1.0	≤ 0.5	≤ 0.5	≤ 0.2	Agreement between supply and demand parties
Number of particles/(particles/mL)	≤ 25	≤ 25	≤ 5	Agreement between the supply and demand parties	Agreement between the supply and demand parties

Adapt to IC line width* range/um	>1.2	0.8-1.2	0.2-0.6	0.09-0.2	<0.09
apply	discrete device, solar battery	Display panel	Large scale integrated circuit (IC), ultra HD LCD, OLED display panels	Very large scale integrated circuits (IC), ultra high LCD and OLED display panels	Very large scale integrated circuits (IC),

number of order	description	pack
G3-W-8	G3 Electronic-Grade Clean Bottles; 8ml; Wide Mouth; Natural	10/PK, 200/Cs
G3-W-15	G3 Electronic-Grade Clean Bottles; 15ml; Wide Mouth; Natural	10/PK, 200/Cs
G3-W-30	G3 Electronic-Grade Clean Bottles; 30ml; Wide Mouth; Natural	10/PK, 100/Cs
G3-W-60	G3 Electronic-Grade Clean Bottles; 60ml; Wide Mouth; Natural	10/PK, 100/Cs
G3-W-125	G3 Electronic-Grade clean bottle; 125ml; Wide Mouth; Natural	10/PK, 100/Cs
G3-W-250	G3 Electronic-Grade Clean Bottles; 250ml; Wide Mouth; Natural	5/PK, 80/Cs
G3-W-500	G3 Electronic-Grade clean bottle; 500ml; Wide Mouth; Natural	5/PK, 40/Cs
G3-W-1000	G3 Electronic-Grade clean bottle; 1000ml; Wide Mouth; Natural	5/PK, 40/Cs
G3-AW-8	G3 Electronic-Grade clean bottle; 8ml; Wide Mouth; Brown	10/PK, 200/Cs
G3-AW-15	G3 Electronic-Grade clean bottle; 15ml; Wide Mouth; Brown	10/PK, 200/Cs
G3-AW-30	G3 Electronic-Grade clean bottle; 30ml; Wide Mouth; Brown	10/PK, 100/Cs
G3-AW-60	G3 Electronic-Grade clean bottle; 60ml; Wide Mouth; Brown	10/PK, 100/Cs
G3-AW-125	G3 Electronic-Grade clean bottle; 125ml; Wide Mouth; Brown	10/PK, 100/Cs
G3-AW-250	G3 Electronic-Grade clean bottle; 250ml; Wide Mouth; Brown	5/PK, 80/Cs
G3-AW-500	G3 Electronic-Grade clean bottle; 500ml; Wide Mouth; Brown	5/PK, 40/Cs
G3-AW-1000	G3 Electronic-Grade clean bottle; 1000ml; Wide Mouth; Brown	5/PK, 40/Cs
G3-S-30	G3 Electronic-Grade Clean Bottles; 30ml; Narrow Mouth; Natural	10/PK, 100/Cs
G3-S-60	G3 Electronic-Grade Clean Bottles; 60ml; Narrow Mouth; Natural	10/PK, 100/Cs
G3-S-125	G3 Electronic-Grade Clean Bottles; 125ml; Narrow Mouth; Natural	10/PK, 100/Cs
G3-S-250	G3 Electronic-Grade clean bottle; 250ml; Narrow Mouth; Natural	5/PK, 80/Cs
G3-S-500	G3 Electronic-Grade clean bottle; 500ml; Narrow Mouth; Natural	5/PK, 40/Cs

G3-S-1000	G3 Electronic-Grade clean bottle; 1000ml; Narrow Mouth; Natural	5/PK, 40/Cs
G3-AS-30	G3 Electronic-Grade Clean Bottles; 30ml; Narrow Mouth; Brown	10/PK, 100/Cs
G3-AS-60	G3 Electronic-Grade clean bottle; 60ml; Narrow Mouth; Brown	10/PK, 100/Cs
G3-AS-125	G3 Electronic-Grade clean bottle; 125ml; Narrow Mouth; Brown	10/PK, 100/Cs
G3-AS-250	G3 Electronic-Grade clean bottle; 250ml; Narrow Mouth; Brown	5/PK, 80/Cs
G3-AS-500	G3 Electronic-Grade clean bottle; 500ml; Narrow Mouth; Brown	5/PK, 40/Cs
G3-AS-1000	G3 Electronic-Grade clean bottle; 1000ml; Narrow Mouth; Brown	5/PK, 40/Cs

Bioland™ Colored Caps

Available in nine distinct colors: red, green, blue, purple, yellow, orange, pink, white, and brown. Ideal for sample identification, workflow organization, and status indication in laboratory settings.



Order No.	description	adaptation	package
BC-13-R	13mm; red	Suitable for : NB05-4, NB02-4, ANB02-4	50/PK,500/Cs
BC-13-G	13mm; green		50/PK,500/Cs
BC-13-B	13mm; blue		50/PK,500/Cs
BC-13-V	13mm; purple		50/PK,500/Cs
BC-13-Y	13mm; yellow		50/PK,500/Cs
BC-13-O	13mm; orange		50/PK,500/Cs
BC-13-P	13mm; pink		50/PK,500/Cs
BC-13-W	13mm; white		50/PK,500/Cs
BC-13-A	13 mm; brown		50/PK,500/Cs
BC-20-R	20 mm; red	Compatible : NB05-8, NB02-8、ANB02-8、NB05-15、NB02-15 、 ANB05-15 、NB05-30、NB02-30、ANB02-30 、 NB05-60 、NB02-60、ANB02-60	50/PK,500/Cs
BC-20-G	20mm; green		50/PK,500/Cs
BC-20-B	20mm; blue		50/PK,500/Cs
BC-20-V	20mm; purple		50/PK,500/Cs
BC-20-Y	20mm; yellow		50/PK,500/Cs
BC-20-O	20mm; orange		50/PK,500/Cs
BC-20-P	20mm; pink		50/PK,500/Cs
BC-20-W	20mm; white		50/PK,500/Cs
BC-20-A	20 mm; brown		50/PK,500/Cs
BC-24-R	24 mm; red	Compatible : NB05-125, NB02-125, ANB02-125, NB05-250, NB02-250, ANB02-250	50/PK,500/Cs
BC-24-G	24mm; green		50/PK,500/Cs
BC-24-B	24mm; blue		50/PK,500/Cs
BC-24-V	24mm; purple		50/PK,500/Cs
BC-24-Y	24mm; yellow		50/PK,500/Cs
BC-24-O	24mm; orange		50/PK,500/Cs
BC-24-P	24mm; pink		50/PK,500/Cs

BC-24-W	24mm; white		50/PK,500/Cs
BC-24-A	24 mm; brown		50/PK,500/Cs
BC-28-R	28 mm; red	Compatible: NB05-500, NB02-500、ANB02-500、WB05-30、WB02-30、AWB02-30、WB05-60、WB02-60、AWB02-60	50/PK,500/Cs
BC-28-G	28mm; green		50/PK,500/Cs
BC-28-B	28mm; blue		50/PK,500/Cs
BC-28-V	28mm; purple		50/PK,500/Cs
BC-28-Y	28mm; yellow		50/PK,500/Cs
BC-28-O	28mm; orange		50/PK,500/Cs
BC-28-P	28mm; pink		50/PK,500/Cs
BC-28-W	28mm; white		50/PK,500/Cs
BC-28-A	28 mm; brown		50/PK,500/Cs
BC-38-R	38mm; red	Compatible:NB05-1000, NB02-1000, ANB02-1000	25/PK,250/Cs
BC-38-G	38mm; green		25/PK,250/Cs
BC-38-B	38mm; blue		25/PK,250/Cs
BC-38-V	38mm; purple		25/PK,250/Cs
BC-38-Y	38mm; yellow		25/PK,250/Cs
BC-38-O	38mm; orange		25/PK,250/Cs
BC-38-P	38mm; pink		25/PK,250/Cs
BC-38-W	38mm; white		25/PK,250/Cs
BC-38-A	38mm; brown		25/PK,250/Cs
BC-38L-R	38mm; wide mouth; red	Compatible:WB05-125, WB02-125, AWB05-125	25/PK,250/Cs
BC-38L-G	38mm; wide mouth; green		25/PK,250/Cs
BC-38L-B	38mm; wide mouth; blue		25/PK,250/Cs
BC-38L-V	38mm; wide mouth; purple		25/PK,250/Cs
BC-38L-Y	38mm; wide mouth; yellow		25/PK,250/Cs
BC-38L-O	38mm; wide mouth; orange		25/PK,250/Cs
BC-38L-P	38mm; wide mouth; pink		25/PK,250/Cs
BC-38L-W	38mm; wide mouth; white		25/PK,250/Cs
BC-38L-A	38mm; wide mouth; brown		25/PK,250/Cs
BC-43L-R	43mm; wide mouth; red	Compatible:WB05-250, WB02-250, AWB02-250	25/PK,250/Cs
BC-43L-G	43mm; wide mouth; green		25/PK,250/Cs
BC-43L-B	43mm; wide mouth; blue		25/PK,250/Cs
BC-43L-V	43mm; wide mouth; purple		25/PK,250/Cs
BC-43L-Y	43mm; wide mouth; yellow		25/PK,250/Cs
BC-43L-O	43mm; wide mouth; orange		25/PK,250/Cs
BC-43L-P	43mm; wide mouth; pink		25/PK,250/Cs
BC-43L-W	43mm; wide mouth; white		25/PK,250/Cs
BC-43L-A	43mm; wide mouth; brown		25/PK,250/Cs
BC-53L-R	53mm; wide mouth; red	Compatible:WB05-500, WB02-500, AWB02-500	25/PK,250/Cs
BC-53L-G	53mm; wide mouth; green		25/PK,250/Cs
BC-53L-B	53mm; wide mouth; blue		25/PK,250/Cs
BC-53L-V	53mm; wide mouth; purple		25/PK,250/Cs
BC-53L-Y	53mm; wide mouth; yellow		25/PK,250/Cs
BC-53L-O	53mm; wide mouth; orange		25/PK,250/Cs
BC-53L-P	53mm; wide mouth; pink		25/PK,250/Cs
BC-53L-W	53mm; wide mouth; white		25/PK,250/Cs

BC-53L-A	53mm; wide mouth; brown		25/PK,250/Cs
BC-63L-R	63mm; wide mouth; red		25/PK,250/Cs
BC-63L-G	63mm; wide mouth; green		25/PK,250/Cs
BC-63L-B	63mm; wide mouth; blue		25/PK,250/Cs
BC-63L-V	63mm; wide mouth; purple		25/PK,250/Cs
BC-63L-Y	63mm; wide mouth; yellow		25/PK,250/Cs
BC-63L-O	63mm; wide mouth; orange	Suitable: WB05-1000, WB02-1000, AWB02-1000	25/PK,250/Cs
BC-63L-P	63mm; wide mouth; pink		25/PK,250/Cs
BC-63L-W	63mm; wide mouth; white		25/PK,250/Cs
BC-63L-A	63mm; wide mouth; brown		25/PK,250/Cs

Bioland™ Heavy-Duty Vacuum Bottles with Closure

Product Overview

Bioland™ Heavy-Duty Vacuum Bottles with Closure are engineered to maintain full vacuum integrity for up to 24 hours. Constructed from reinforced polypropylene, these thick-walled bottles are designed for rigorous biotechnology applications, withstanding repeated vacuum cycles at room temperature while ensuring reliable performance.

Key Features

Maintains full vacuum for up to 24 hours

Thick-walled construction withstands repeated vacuum applications

Reinforced white polypropylene cap with integrated gasket ensures complete leak-proof seal

Wide-diameter design provides ultra-high strength and durability

Available in polypropylene, HDPE, and amber HDPE materials

Compatible with optional Filling/Venting Closures for liquid distribution and replenishment

Applications

Waste aspiration in laboratory settings

Autoclavable vessels for scale-up activities in cell culture

Storage and transportation of liquids and dry materials

Fluid reservoirs and waste containers for automated instruments

Liquid dispensing and rehydration systems

Specifications

Material Options: Polypropylene, HDPE, Amber HDPE

Vacuum Retention: Up to 24 hours

Cap Type: Reinforced polypropylene with sealing gasket

Special Features: Wear-resistant cap, thick-walled construction

Capacity Options

Standard capacities: 1 L, 2 L, 5 L (meets common laboratory volume needs)

Custom capacities available upon request (for specialized application requirements)

Autoclave Compatibility

Maximum autoclave temperature: 121 °C (at 15 psi / 1.03 bar pressure)

Recommended autoclave duration: 15–20 minutes (for effective sterilization without compromising bottle structure)

Compatibility

All bottles are compatible with Filling/Venting Closures, enabling convenient, contamination-free liquid dispensing and refilling operations.

All bottles undergo rigorous quality validation to ensure consistent performance in demanding laboratory environments.

Note: Completely disengage threads or remove cap before autoclaving.



Includes: Polypropylene closures with gasket

Compatible with: Use with fill/vent closure system (SC05 sold separately)

Order number	Capacity	Height	Outside diameter	Inner diameter of bottle mouth	Package
Bioland™™ Heavy-Duty PP Vacuum Bottles with Closure; leakproof					
PB05-1000	1000ml	228mm	88mm	39mm	25/CS
PB05-2000	2000ml	260mm	119mm	39mm	20/CS
PB05-4000	4000ml	335mm	154mm	64mm	6/CS
Bioland™™ Heavy-Duty HDPE Vacuum Bottles with Closure; leakproof					
PB02-1000	1000ml	228mm	88mm	39mm	25/CS
PB02-2000	2000ml	260mm	119mm	39mm	20/CS
PB02-4000	4000ml	335mm	154mm	64mm	6/CS

Bioland™ Filling/Venting Closures

Create aseptic handling solutions for pharmaceutical, biotechnology and laboratory liquid transfer applications using Bioland™™ Filling/Venting Closures.

Features:

Autoclavable closures are specifically designed to mate with most Bioland™ bottles and carboys

Leakproof† systems provide secure, aseptic handling of high-valued products compared to pouring

Includes:

Bioland™ platinum-cured silicone tubing and TPE vent port cap.



Order number	Description	Package
SC05-3-39	Three-way cover; Cover size 53mm tube diameter 6.35mm; Suitable for Bioland™™ 1000ml, 2000ml vacuum bottles	1/PK
SC05-3-64A	Three-way cover; Cover size 83mm tube diameter 6.35mm; Suitable for Bioland™™ 4000ml, 5000ml vacuum bottles and vats	1/PK
SC05-3-64B	Three-way cover; Cover size 83mm Tube diameter 12.7mm; Suitable for Bioland™™ 4000ml, 5000ml vacuum bottles and vats	1/PK
SC05-53B	Standard cover; Bioland™ 1 liter, 2 liter vacuum pressure bottles	1/PK
SC05-83B	Standard cover; Suitable for Bioland™ 4 L, 10 L, 20 L, 50 L vats	1/PK

Bioland™ Special Spigot

Made of white/blue polypropylene material; The connector is made of highdensity polyethylene Bioland™™ special faucet can be connected to 16mm hose

Equipped with 6-8mm hose connector

Suitable for Bioland™™ storage vats with drain spout



Order number	Description	Package
WT05-10	Suitable for FB05-10L, FB05-20L, FB05-50L, FB04-10L, FB04-20L, FB04-50L	1/PK

Bioland™ Polypropylene Carboys with Handle

Product Overview

Bioland™™ Polypropylene Carboys are designed for large-volume processing in biotechnology and pharmaceutical applications. These autoclavable containers are ideal for culture media preparation, vaccine production, and bulk storage of chemicals and reagents. Featuring a large filling opening and ergonomic handles, they combine functionality with durability.

Key Features

Constructed from natural polypropylene with white PP closure and TPE gasket

Large mouth facilitates easy filling and dispensing

Graduated markings for accurate volume measurement

Excellent chemical resistance

Round design with reinforced handles for secure handling

Leak-proof sealing system

Available with or without spigot options

Material Options & Applications

Polypropylene Carboys: Suitable for autoclave sterilization; ideal for storing solvents, media, reagents, and vaccines

Amber HDPE Carboys: Optimal for light-sensitive chemicals, buffers, and standards

Applications

Large-batch culture media preparation

Vaccine manufacturing processes

Bulk chemical and reagent storage

Solution distribution systems

Distilled water storage



Important Note

For autoclaving: completely disengage threads or remove cap before sterilization to ensure proper pressure equalization and container integrity.

Compatible with: Use with fill/vent closure system (SC05 sold separately)

Order number	Capacity	Height	Outside diameter	Inner diameter of bottle mouth	Package
Bioland™™ Polypropylene, Carboy with Handle; leak-proof					
B05-10L	10L	389mm	250mm	64mm	1/PK
B05-20L	20L	528mm	286mm	64mm	1/PK
B05-50L	50L	678mm	379mm	64mm	1/PK
Bioland™™ Polypropylene, Carboy with Handle; with Spigot ; leak-proof					
FB05-10L	10L	389mm	250mm	64mm	1/PK
FB05-20L	20L	528mm	286mm	64mm	1/PK
FB05-50L	50L	678mm	379mm	64mm	1/PK
Bioland™™ Brown polypropylene, Carboy brown Handle; leak-proof					
B05-10L-B	10L	389mm	250mm	64mm	1/PK



Bioland™ Powder free latex gloves

Easy to access, easy to wear

Thickened treatment, excellent flexibility

The original Asian hand-shaped design, both hands can be used, can not be divided into left and right hands

Pure natural latex, glove surface powder free

Order NO.	Description	Package
Bioland™ Powder free latex gloves		
B02-120-A	6-7cm; XS	100Pcs/PK; 10Pk/Cs
B02-120-B	7-8cm; S	100Pcs/PK; 10Pk/Cs
B02-120-C	8-9cm; M	100Pcs/PK; 10Pk/Cs
B02-120-D	9-10cm; L	100Pcs/PK; 10Pk/Cs
Bioland™ Powder free latex gloves; Sterile		
B03-120-B	6-7cm; XS	30Pairs/PK; 10Pk/Cs
B03-120-C	7-8cm; S	30Pairs/PK; 10Pk/Cs
B03-120-D	8-9cm; M	30Pairs/PK; 10Pk/Cs



Bioland™ Nitrile gloves

Excellent high-density material, tensile resistance and durability

Fingertip pitting increases friction and improves sensitivity and handling

Anti-skid, anti-oil, excellent grip strength

Excellent puncture resistance, enhanced plasticity, strong gloves puncture resistance

Order NO.	Description	Package
Bioland™ Nitrile gloves		
B04-120-B	7-8cm; S	100Pcs/PK; 10Pk/Cs
B04-120-C	8-9cm; M	100Pcs/PK; 10Pk/Cs
B04-120-D	9-10cm; L	100Pcs/PK; 10Pk/Cs



Bioland™ Disposable masks

Moisture-proof layer - non-woven fabric: using ultra-soft fine fiber, good skin affinity, excellent comfort

Ultra-soft fine fiber layer - non-woven fabric: with acid, alkali, moisture resistance and other properties

Filter layer - filter cloth: The use of anti-bacterial filter paper can effectively hinder bacterial dust, thereby reducing bacterial invasion

Order NO.	Description	Package
M2007-B	Blue; 17x9.5cm	50Pcs/Box; 10Box/Cs

Bioland™ Goggles

Widen the flanks: effectively prevent splashing into the eyes, more comprehensive protection, more secure

PC lens: polycarbonate reinforced lens anti-impact, anti-scratch, anti-strong UV

Comfortable nose support: ergonomic design, comfortable to wear, not easy to fall off, reduce the burden of the nose

Telescopic mirror legs: four adjustable telescopic mirror legs, with personal face shape, can be adjusted at will

Order NO.	Description	Package
G2007-N	Dark blue frame; The mirror leg is adjustable; PC lens	1Pair/Pk; 12Pairs/Box



Bioland™ Anti-fog goggles

PC material: High transparency, impact resistance, effective protection of eyes

Nose bridge design: Special nose bridge design, more soft, more fit

Vent design: effectively prevent lens fog obstructing vision

Effective blocking 99% UV

Order NO.	Description	Package
AG2007-T	PC material: High transparency	1Pair/Pk; 12Pairs/Box



Bioland™ Anti-splash face screen

Made of plexiglass material

New style, strong protective performance, comfortable to wear

Impact resistance, high temperature resistance, acid and alkali resistance, anti-splash

Headwear: light and durable, flexible structure, comfortable to wear

Order NO.	Description	Package
F2007-T	plexiglass material	1Pair/Pk; 12Pairs/Box



Bioland™ uvex™ Customized myopia goggles

Perfect for Asian face shape and optimal protection

The polycarbonate lenses together with the transparent flanks provide comprehensive protection

Optical Level 1 panorama is a lens that gives a wide field of view

Wrap the legs to ensure a perfect fit to the head

Weighs only 26g

Best wear comfort

Compliant with European Standard (EN), National Standard (GB), American standard (ANSI)

Available in three leg colors: dark blue, sky blue, black

Order NO.	Description	Package
MG2007-N	measured degree	1 glasses/Box



Bioland™ Lab emergency eye wash device

Fixed dust protection for outdoor operation

Function: eye wash, dust

Working pressure: 0.20-0.40Mpa

Flow rate: Spray :2.0-3.0/ Eye wash :0.2-0.3

Laboratory emergency eye wash device is a safe eye wash protection device for special working occasions such as universities, chemical, pharmaceutical, and petroleum

Order NO.	Description	Package
EW2007-P	Lab emergency eye wash device	1Set/Cs



Bioland™ Vertical eye wash device

Easy to operate, high strength, firm structure

Bright yellow nano ABS coating, coating thickness is 250-300 microns

Good oil resistance, acid resistance, alkali resistance, salt solution and other properties

Luminous safety signage may also be added

Can be equipped with pedals, hands and feet linkage, more convenient and fast

Widely used in petroleum, chemical industry, electronics, electric power, electroplating, paper making, semiconductor, environmental protection, printing and dyeing textile, construction, food, new energy, machinery manufacturing, automobile and ship repair, casting, painting, and other fields.

Order NO.	Description	Package
EW2007-V	Vertical eye wash device	1 Set/Cs



Bioland™ Multi-functional eye washing device

Anti-corrosion treatment, stainless steel and ABS coating.

Bright yellow ABS coating, coating thickness of 250-300 microns

Shower head 120-180 L/min Eye washer nozzle 12 L/min

Has good resistance to oil, acid, alkali, salt solution performance.

Pedal can be added, hand and foot linkage control, more convenient and fast.

Lighting device can be added

Can be added anti - freezing evacuation device, electric heating device

Widely used in petroleum, chemical industry, electronics, electric power, electroplating, paper making, semiconductor, environmental protection, printing and dyeing textile, construction, food, new energy, machinery manufacturing, automobile and ship repair, casting, spray paint, and other fields.

Order NO.	Description	Package
EW2007-C		1 Set/Cs



Microbiological Testing

Microorganisms include: bacteria, viruses, fungi and some small protozoa, microscopic algae and other a large group of organisms. Because of its small size, light weight, strong adaptability and strong reproductive ability, microorganisms are widely distributed in nature and closely related to human beings. It exists in medicine, agriculture, food, cosmetics, feed, medicine, the environment and other people can touch every corner



Bioland™ Microbiological Testing

Bioland™ Petri Dishes

Product Overview

Bioland™ Petri Dishes are specifically engineered for microbiological applications, featuring a space-efficient low-profile design that maximizes incubator capacity while delivering exceptional optical clarity for accurate microscopic observation.

Key Features

Low-profile design optimizes incubator space utilization

Mirror-finished surface ensures high optical quality

Sterilized by gamma irradiation

RNase/DNase-free and non-pyrogenic

Ready-to-use for bacterial culture applications

Available Configurations

Standard Round Petri Dishes

Square Petri Dishes

Divided/Compartment Petri Dishes

Applications

Routine microbiological culturing

Bacterial colony isolation and enumeration

Clinical laboratory testing

Educational and research applications

Quality Assurance

Sterilized by gamma irradiation

Validated for microbial culture performance

Lot-to-lot consistency guaranteed

Packaged in cleanroom conditions

Ideal for clinical, research, and industrial laboratories requiring reliable performance in microbial cultivation and analysis across multiple plate formats.

Order number	Description	Package
BCD06-060A	Diameter: 60*15mm,Standard	20/PK; 1000/CS
BCD06-070A	Diameter: 70*15mm,Standard	20/PK; 800/CS
BCD06-090A	Diameter: 90*15mm,Standard Weight:14.5g	10/PK; 500/CS
BCD06-090L	Diameter: 90*15mm,Standard weight:12-13g	10/PK; 500/CS
BCD06-090C	Diameter: 90*20mm, Standard Weight:15g	10/PK; 500/CS
BCD06-120B	Diameter: 120*18mm	10/PK; 500/CS
BCD06-150	Diameter: 150*20mm	10/PK; 300/CS
BCD06-S100	Square,10*10cm	10/PK; 500/CS
BCD06-S130	Square,13*13cm	10/PK; 500/CS
BCD06-S150	Square,15*15cm	10/PK; 300/CS
BCD06-S150	Square,250*250cm	10/PK; 40/CS
BCD06-290	Petri Dish, 2-Compartment, Sterile	10/PK; 500/CS
BCD06-390	Petri Dish, 3-Compartment, Sterile	10/PK; 500/CS
BCD06-490	Petri Dish, 4-Compartment, Sterile	10/PK; 500/CS



Bioland™ Disposable Loop & Needle

Suitable for microbe inoculation

Available in 1ul and 10ul sizes

Sterile, RNase/DNase free, pyrogen free

Made of polypropylene material, high temperature and high pressure sterilization

Order number	Description	Package
MIR05-01	Blue; 1ul	10/PK; 500/CS
MIR05-10	Orange; 10ul	10/PK; 500/CS



Bioland™ L-shaped Spreader

Disposable spreader is used for spreading microorganisms which is sterilized before the release.

suitable for spreading of microbes samples

Sterile, RNase/DNase free, pyrogen free

Made of polypropylene material, high temperature and high pressure sterilization

Individual packaging

Order number	Description	Package
LS05-1S	L-shaped Spreader ;orange ; Individual packaging	10/PK; 500/CS



Bioland™ 15ml/50ml Membrane reaction tube/centrifuge tube/shaker tubes

It is especially suitable for suspension cell culture, clonal selection, bacterial solution/strain resuscitation, small volume suspension culture and low protein adsorption of serological research.

The external dimension is the same as that of the 15ml/50ml centrifuge tube, which is suitable for most 15ml/50ml centrifuge devices.

The tube body is made of USP Class VI medical grade polypropylene. The cap is made of USP Class VI medical grade HDPE. High transparency, easy observation, belt scale.

0.22um PTFE membrane can provide high dissolved oxygen, bacteria resistance and air permeability.

· Sterile, RNase/DNase-free, Human DNA-free, Non-pyrogenic, Non-cytotoxic.

15ml centrifugal force tolerance :13000xg; 50ml centrifugal force tolerance: 17000xg

Order NO.	Description	Package
ATS05-10-15	1 15ml, 10mm, PTFE	10Pcs/Pk;10Pk/Cs
ATS05-12-50	50ml, 12mm, PTFE	10Pcs/Pk;10Pk/Cs



Bioland™ Sterile microbial detection filter membrane

Bioland™™ Microbial detection membrane was selected as unsupported, natural hydrophilic mixed cellulose filter membrane, using different pore sizes to enrich designated bacteria for culture. It can be widely used in various microbial analysis and research.

Available in individual and continuous packaging, the continuous packaging grille film is suitable for Bioland™™ Membrane Dispenser Curve

In line with ISO7704, the most suitable for microbial retention and growth, microbial recovery >90%

Filtration efficiency: LRV>7(ATCC 19146 deficient Shortwave monas, ASTM Bacterial Challenge Test) High flow rate

The grid lines on the membrane facilitate colony identification and counting, and do not affect colony growth

Gamma rays pre-filtered, valid for 3 years

For "membrane filtration method" for solid, liquid, gas and other samples for microbial detection, especially for food hygiene industry or water monitoring in the total number of bacteria, fecal coliform, Escherichia coli, sterility testing, Pseudomonas aeruginosa, Staphylococcus aureus, etc., general microscopic inspection particle count or analysis.



Order NO.	Description	Package
MCE47-022S	Sterile microbial detection filter membrane; Diameter: 47mm ; Aperture: 0.22um	200 pcs/Pk
MCE47-045S	Sterile microbial detection filter membrane; Diameter: 47mm ; Aperture: 0.45um	200 pcs/Pk
MCE47-022SS	Sterile microbial detection filter membrane For Machine distribution; Diameter: 47mm ; Aperture: 0.22um	200 pcs/Pk
MCE47-045SS	Sterile microbial detection filter membrane For Machine distribution; Diameter: 47mm ; Aperture: 0.45um	200 pcs/Pk

Bioland™ Membrane Dispenser Curve

General microbiological analysis; Beer; Bottled Water; Pharmaceutical Products Analysis; Environmental Analysis; Bioburden Testing; Water Monitoring, Extensive use of sterile filters is often required. The Bioland™™ automatic film extractor is designed for this purpose, making the process of mass film extraction easy and fast. The film extractor is lightweight, easy to install, and contactless, avoiding hand contact with the filter and reducing the risk of contamination. Used for automatic membrane extraction of microbial detection membrane

Automatic infrared induction film collection

Filter membrane pre-sterilization, no contact to take the membrane, to avoid secondary pollution installation process is simple and fast

Indicates the number of membranes used and the number of membranes remaining

High speed film removal < 1 second

Lightweight appearance, easy to move and use

Can be used for AC power supply 110/220V or 18650 lithium battery

The detection efficiency is effectively improved



Order NO.	Description	Package
MCE47-01S	Membrane Dispenser Curve	1 Set/Cs



Bioland Slide series

Slide cover slide

Slide Series



Bioland™ regular slides

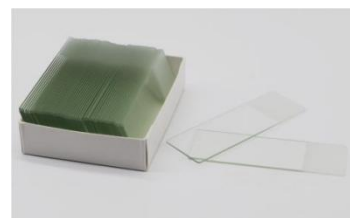
75x25x1mm

Pathological grade, pre-clean, ready-to-use type

Chemical resistance, smooth surface, polished edges

Suitable for histology, cytology, haematology, urinalysis and microbiology

Order NO.	Description	Package
GS7101-7525	Bioland™ regular slide; 75x25x1mm	50pieces/box;50boxes/box



Bioland™ frosted glass slides

75x25x1mm

Pathological grade, pre-clean, ready-to-use type

Chemical resistant, flat surface

Retain the original cut on the edge of the slide

Have a frosted writing area on one end

The markings on the frosted writing area are not easily erased or washed off during routine experiments

Suitable for histology, cytology, hematology, urinalysis, and microbiology

Order NO.	Description	Package
GS7105-7525	Biolan frosted slide; 75x25x1mm	50pieces/box;50boxes/box



Bioland™ slip resistant slides

75x25x1mm

Pathological grade, pre-clean, ready-to-use type

Chemical resistant, flat surface

Through special surface treatment, the tissue and cells can be adsorbed on the slide

It is suitable for histology, cytology, microbiology and frozen tissue section

Order NO.	Description	Package
GS7109-7525	Bioland™ slip resistant slide; Scrub; 75x25x1mm	50pieces/box;50boxes/box



Bioland™ dyeing jars

Heavy duty glass material

Bioland™ dyeing jars are available in vertical and horizontal types

Available in two styles and three sizes

Order NO.	Description	Package
GDC01-05	Bioland™™ dye jar; Upright; 5 slots	Single standalone Package
GDC01-09	Bioland™™ dye jar; Upright; 9 slots	Single standalone Package
GDC02-10	Bioland™™ dye jar; Horizontal; 10-slot	Single standalone Package



Bioland™ cover glass

Pathological grade, pre-clean, ready-to-use type

Chemical corrosion resistance, flat surface, no fuzz

Bioland™™ cover slides are available in square, round and rectangular shapes

Come in an easily accessible plastic box Package

No.1 thickness: 0.13-0.17mm



Order NO.	Description	Package
Bioland™™ round cover glass		
CGS010-12C	Bioland™ round cover glass; Diameter: 12mm	100 pieces/box; 10 boxes/box
CGS010-15C	Bioland™ round cover glass; Diameter: 15mm	100 pieces/box; 10 boxes/box
CGS010-20C	Bioland™ round cover glass; Diameter: 20mm	100 tablets/box; 10 boxes/box
CGS010-22C	Bioland™ round cover glass; Diameter: 22mm	100 pieces/box; 10 boxes/box
Bioland™™ square cover glass		
CGS010-18S	Bioland™ Square cover glass; Size: 18x18mm	200 pieces/box; 10 boxes/box
CGS010-20S	Bioland™ Square cover glass; Size: 20x20mm	200 pieces/box; 10 boxes/box
CGS010-22S	Bioland™ Square cover glass; Specification: 22x22mm	200 pieces/box; 10 boxes/box
CGS010-24S	Bioland™ Square cover glass; Size: 24x24mm	200 tablets/box; 10 boxes/box
Bioland™™ rectangular cover glass		
CGS010-2430R	Bioland™rectangular cover glass; Specification: 24x30mm	100 pieces/box; 10 boxes/box
CGS010-2440R	Bioland™rectangular cover glass; Specification: 24x40mm	100 pieces/box; 10 boxes/box
CGS010-2450R	Bioland™rectangular cover glass; Specification: 24x50mm	100 pieces/box; 10 boxes/box
CGS010-2460R	Bioland™rectangular cover glass; Specification: 24x60mm	100 pieces/box; 10 boxes/box

Bioland



Instrument
series

Bioland™ Vortex Mixer

The Bioland™ Vortex mixer is a test tube oscillator that focuses on the point-and-move function. It is suitable for oscillating and mixing samples of various reagents, solutions, chemicals, etc. Especially suitable for mixing and mixing in small containers (up to 50ml centrifuge tube). The compact size of this instrument is mainly suitable for medical, biological engineering, chemical laboratories, biochemical laboratories, etc., the mixing effect is obvious, and there is no pollution effect on the substance in the test tube.

The shape is novel, the volume is small, the quality is reliable

Used in centrifuge tube or test tube with capacity not greater than 50ml, the mixing effect is remarkable

Mixing speed is high, the highest speed can reach 4000rpm

External 12V power adapter, DC brushless motor

Model	Mix-4000S
Rev range	3000rpm; adjustable
Amplitude of oscillation	The 4.5 mm
Power supply	Power adapter DC12V/1A
Overall dimensions (mm)	105 * 105 * 70
Weight	1.2 kg



Bioland™ Microplate mini centrifuge

The Bioland™ Microplate mini-centrifuge is a mini instantaneous centrifuge specifically designed for 96-well microplates that is capable of instantly removing droplets from the lower wall by simply moving the microhole

The plate can be vertically loaded from the top slot of the centrifuge (the liquid stays at the bottom of the microplate under the action of surface tension, and does not leak), user-friendly programming,

With adjustable operation modes of point, timing and constant speed, the experiment is more convenient and efficient.

Wide application range: 96-well, 384-well PCR plate; 96-well, 384-well enzyme label plate; 8x0.2mlPCR tube, 0.2mlPCR tube

LCD screen, the operation can modify the centrifugal parameters, humanized program design, the configuration of the point, timing and constant speed adjustable operation mode, so that the experiment is more convenient and efficient

Instantaneous centrifugal function, instantaneous acceleration to the set speed, automatic braking, quick stop

Dc brushless motor maintenance-free, quiet and stable operation, faster acceleration and deceleration rate, in a shorter time to separate more samples

Unique appearance design, small size, no space, simple operation, the full cover 90° open for easy access to microplate

It can quickly remove the droplet from the lower hanging wall, and can be used before and after PCR experiment to significantly improve the experimental effect

Model Number	Mini-3K
RPM	500-3000rpm
Maximum relative centrifugal force	600g
Sample handling capacity	2 96-well PCR plates/enzyme label plates
Timing range	1s ~99s /1min-99min/ dotting
Input power	Power adapter DC24V/2A (AC 100V~230V,50/60Hz)
Overall dimensions (mm)	230 x 195x 195
Net weight	2.6 kg



Bioland™ BLD Series Mini centrifuges

Bioland™ BLD series Mini centrifuges are unique and versatile in appearance, equipped with a variety of rotors for 2.0ml, 1.5ml, 0.5ml, 0.2ml centrifuge tubes and 0.2ml--8 tandem centrifuge tubes for PCR. Humanized design, with flip switch function, open the cover automatically stop (press the upper cover to turn, open the cover to stop).

Safety design: use flip switch function, open the cover is automatically stopped, the outer cover is made of composite material, not easy to break

Micro DC motor is adopted



Order NO.	BLD-6K	BLD-7K	BLD-10K	BLD-96K
Adaptive rotor	8x1.5/2.0ml angular rotor 2x8x0.2ml row tube rotor	8x1.5/2.0ml angular rotor 2x8x0.2ml row tube rotor	8x1.5/2.0ml angular rotor 2x8x0.2ml row tube rotor	Microorifice adapter
Maximum speed	6000 RPM	7000 RPM	10000 RPM	2500rpm
Centrifugal force	2000 xg	2300 xg	5000 xg	
Power supply	30W	30W	40W	40W

Bioland™ Vortex Mixer

The vortex mixer is small in size and is mainly suitable for mixing sample tissues, cells, bacterial liquids, chemical reagents, etc. The mixing effect is obvious, and there is no pollution effect on the substance in the test tube.

Novel shape, small size, reliable quality

All kinds of 0.2-50ml centrifugal tubes can be oscillated, and other test tubes or containers are less than 30mm in diameter

Mixing speed is high, the maximum speed can reach 3000rpm

External 12V power adapter, quiet and stable operation, faster acceleration and deceleration speed

External 12V power adapter, DC brushless motor, a variety of fixtures to choose from

Order NO.	MVM-3000
Concussion RPM	0 to 3000 RPM
Concussion range	4mm (approximate circular oscillation)
Carrying weight	0.4 kg
Power supply	Power adapter DC12V/1A
Dimensions	190X126X113mm
Net weight	2.6 kg



Bioland™ Scroll Mixer accessories

Order NO.	Name No.	Description
V-3000	Standard Concussion head	Standard configuration; Suitable for test tubes less than 30mm
V-2000	Standard tray	Matching VS series fit gasket used
V-1000	15ml/50ml centrifugal tube tray	VL series adaptor gasket is used
VS-0102	VS fit shims	ADAPTS 0.1ml/0.2mlPCR tube; 48 well
VS-0005	VS fit shims	ADAPTS 0.5ml microcentrifuge tube /PCR tube; 36 Wells
VS-1520	VS adaptor shims	Fit 1.5ml/2.0ml microcentrifuge tube; 16 well
VS-0050	VS fit shims	ADAPTS 5.0ml microcentrifuge tube
VL-0150	VL series adaptor gasket	Suitable for 15ml cone-bottom centrifugal tube
VL-0500	VL series adaptor gasket	Suitable for 50ml cone-bottom centrifugal tube

Bioland™ HM series infrared inoculated ring sterilizer

HM series infrared inoculation ring sterilizer adopts infrared heat sterilization, simple operation, no pollution to the environment, safe and convenient, can completely substitute alcohol lamp widely used in biosafety cabinet, purification table, extraction fan, mobile car and other environment for microbial experiments.

Using high quality ceramic tube heating parts, inoculation ring disinfection and sterilization is safe and convenient, and can completely replace the alcohol lamp

The heating parts are easy to disassemble and easy to install

The high temperature in the heating body hole is above 800°C, and the sterilization only takes about 5S, which can be quickly sterilized

The heating temperature is divided into two levels, low temperature and high temperature

Order NO.	HM150-14	HM100-35
Input power	AC220V, 50HZ	AC220V,50HZ
Maximum temperature in the center area of the heating body	825 °C + 50 °C	825 °C + 50 °C
Maximum outside diameter of sterilized items	14mm	35mm
Heating zone length	150mm	100mm
Heat to maximum temperature time	20min	20min
Ambient temperature for use	5 °C and 40 °C	5 °C and 40 °C
Overall dimensions (mm)	90x160x195	90x140x225
weight	1.3 kg	1.5 kg



Bioland™ CTM-100 Series Heating/cooling type constant temperature mixer/metal bath

CTM-100 thermostatic mixing device integrates mixing, oscillation, incubation heating three functions, using DC brushless motor and microcomputer control technology, it can not only mix a variety of microtube, PCR plate, deep hole plate and microhole plate and other commonly used laboratory consumables, but also has a variety of modules for heating incubation, catalysis function, to meet the needs of different users.

LCD liquid crystal display, with power recovery function, the instrument can automatically resume operation according to the original setting program after power recovery

Microprocessor control, accurate oscillation speed, blending perfect mixing radius and excellent mixing technology

With timing function, the culture time can be set arbitrarily within 0-100 hours

A variety of standard sample modules are available, easy to replace

Built-in temperature calibration function and short oscillation point function

Dc brushless motor drive, long life, maintenance free

Multiple safety protection functions, safe and reliable



Host technical parameters		
Order NO.	CTM-100H	CTM-100R
Temperature control range	Room temperature +5℃ -100℃	0 °C to 100 °C
Time setting	1min-99h59min	1min-99h59min
Temperature control accuracy	Plus or minus 0.5 °C or less	Plus or minus 0.5 °C or less
Display accuracy	0.1 °C	0.1 °C
Temperature uniformity	Plus or minus 0.5 °C or less	Plus or minus 0.5 °C or less
Oscillating speed	200-1500rpm	200-1500rpm
Heating rate	≤12min	≤20min (drop to room temperature 20 ° C) ≤10min (100 ° C to 20 ° C)
Oscillation amplitude	3mm(horizontal rotation)	3mm(horizontal turn)
Overall dimensions (mm)	305 * 210 * 195	305 * 210 * 195
Net weight	8.6 kg	8.8 kg



Optional accessories: Modules	
Order NO.	Description
CTM96-002	PCR tube module; 96 x0.2 ml
CTM54-005	0.5ml microcentrifuge tube module; 54 x0.5 ml
CTM35-015	1.5ml microcentrifuge tube module; 35 x1.5 ml
CTM35-020	2.0ml microcentrifuge tube module; 35 x2.0 ml
CTM24-012	12mm test tube module; 24*12mm
CTM01-N	Square tank (water bath) module
CTM01-96	Test plate/Enzyme label plate/Culture plate module
CTM24-050	5ml centrifuge tube module; 24 x 5ml
CTM12-150	15ml centrifuge tube module; 12 x15ml
CTM06-500	50ml centrifuge tube module; 6x50ml
CTM57-0215	Module: 32x0.2 MLPCR tube +25x1.5ml microcentrifuge tube
CTM57-020515	Module: 32x0.2mlPCR tube + 10x0.5ml microcentrifuge tube + 15x1.5ml microcentrifuge tube

Bioland™ DTM-100 series heating/cooling type dry thermostats

Microcomputer-controlled thermostatic metal bath, instead of the traditional water bath device, can be widely used in sample preservation and reaction, DNA amplification and electrophoresis predenaturation, serum coagulation, etc.

Real-time temperature display, time decline display

The instrument has fast heating speed, uniform heating, accurate temperature control and high stability

Automatic fault detection and buzzer alarm function

Temperature deviation calibration function

Multiple module replacement, easy to clean and disinfect

With programmable function, multi-point temperature control, up to 5 temperature points and constant temperature time setting and continuous operation

Order NO.	DTM-100H	DTM-100R
Temperature control range	Room temperature +5°C-100°C	- 10 °C to 100 °C
Temperature stability	Plus or minus 0.5 °C or less	Plus or minus 0.5 °C or less
Temperature uniformity	Plus or minus 0.5 °C or less	Plus or minus 0.5 °C or less
Display accuracy	0.1 °C	0.1 °C
Time setting	1min -99h59min	1min -99h59min
Room temperature heating/cooling time	Rise to 100°C≤12min	Rise to 100°C≤12min Decrease to -5°C≤15min Reduce to -10°C≤20min
Input power supply	AC220V/AC110V, 50/60Hz, 150W	AC220V/AC110V, 50/60Hz, 150W
Overall dimensions (mm)	300 * 220 * 170	300 * 220 * 170
Net weight	3.3 kg	4.5 kg



Optional accessories: Modules

Order NO.	Description
CTM96-002	PCR tube module; 96 x0.2 ml
CTM54-005	0.5ml microcentrifuge tube module; 54 x0.5 ml
CTM35-015	1.5ml microcentrifuge tube module; 35 x1.5 ml
CTM35-020	2.0ml microcentrifuge tube module; 35 x2.0 ml
CTM24-012	12mm test tube module; 24*12mm
CTM01-N	Square tank (water bath) module
CTM01-96	Test plate/Enzyme label plate/Culture plate module
CTM24-050	5ml centrifuge tube module; 24 x 5ml
CTM12-150	15ml centrifuge tube module; 12 x15ml
CTM06-500	50ml centrifuge tube module; 6x50ml
CTM57-0215	Module: 32x0.2 MLPCR tube +25x1.5ml microcentrifuge tube
CTM57-020515	Module: 32x0.2 MLPCR tube +10x0.5ml microcentrifuge tube +15x1.5ml microcentrifuge tube

Bioland™ DTM-200 series multi-module dry thermostats

DTM-200 series dry thermostat adopts microcomputer controlled constant temperature metal bath device, high temperature control precision, good sample parallelization, to replace the traditional water bath device, can be widely used in a variety of sample culture, preservation and reaction, the application industry throughout medicine, chemical industry, food safety, quality inspection, environment, etc.

Temperature, time LED display

Real-time temperature reality, time decline display

Automatic fault detection and buzzer alarm function

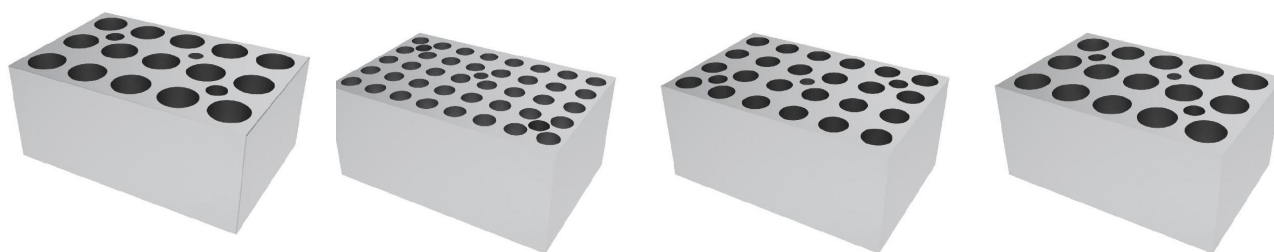
Temperature deviation calibration function

Easy module replacement for easy cleaning and disinfection

Built-in overtemperature protection device



Order NO.	DTM-200S	DTM-200X	DTM-200XL
Temperature range	Room temperature +5°C-150°C		
Timing time	Up to 99 hours and 59 minutes		
Temperature control accuracy	$\leq \pm 0.5$ °C		
Display accuracy	0.1 °C		
Temperature uniformity	$\leq \pm 0.5$ °C		
Heating time	≤ 20 minutes (20-105°C)		
Number of modules	1	2	4
Heating power	150W	300W	600W
Overall dimensions (mm)	220x240x95	220x260x95	220x340x95
Weight	3.5 kg	4.5 kg	5.7 kg



Optional accessories: Adaptation module	
Model number	Description
MP40-002	40x 0.2ml; 6mm; Cone base
MP24-005	24x 0.5ml; 8mm; Cone base
MP15-015	15x1.5ml; 11mm; Cone base
MP15-020	15x2.0 ml; 11mm; Round base
MP01-C	Cupola module; 12.5mm; Hollow out
MP04-150	4x15ml; 17mm; Flat bottom
MP02-500	2x50ml; 30mm; Flat base

Bioland™ MP-100 Series Heated/cooled mini metal bath

The MP-100 series Heating/Cooling Mini Metal Bath is a microcomputer-controlled, palm-mounted, thermostatic metal bath that can be used for automotive power supply. Small size, light weight, easy to move, especially suitable for the field or in crowded experimental environment.

Instant temperature display, time decline display

Small size, light weight, easy to move

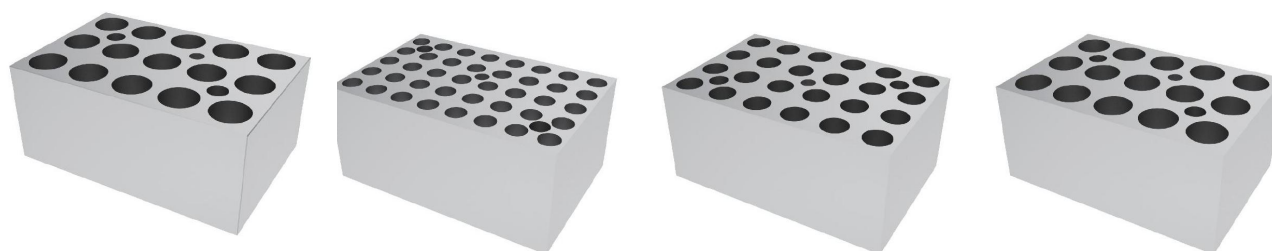
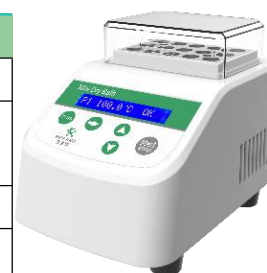
24V DC power input, built-in overtemperature protection device, can be applied to the car power supply

Automatic fault detection and buzzer alarm function

Temperature deviation calibration function

Multiple module replacement, easy to clean and disinfect

Order NO.	MP-100H	MP-100C
Input power	Power adapter DC 24V,2A	Power adapter DC 12V,5A
Temperature control range	Room temperature +5°C-100°C	0 °C to 100 °C
Time setting	1-999min or 1-999sec	1-999min or 1-999sec
Temperature control accuracy	Plus or minus 0.3 °C or less	Plus or minus 0.5 °C or less
Display accuracy	0.1 °C	0.1 °C
Rising cooling time	≤12min(room temperature rises to 100°C)	≤12min (room temperature rises to 100°C) ≤20min(20°C drops to 0°C)
Temperature stability	Plus or minus 0.3 °C or less	Plus or minus 0.3 °C or less
Overall dimensions (mm)	162 * 107 * 110	162 * 107 * 126
Weight	0.8 kg	0.9 kg



Optional accessories: Adaptation module

Model number	Description
MP40-002	40x 0.2ml; 6mm; Cone base
MP24-005	24x 0.5ml; 8mm; Cone base
MP15-015	15x1.5ml; 11mm; Cone base
MP15-020	15x2.0 ml; 11mm; Round base
MP01-C	Cupola module; 12.5mm; Hollow out
MP04-150	4x15ml; 17mm; Flat bottom
MP02-500	2x50ml; 30mm; Flat base

Bioland™ CTM-96-2 microplate thermostatic oscillator

CTM-96-2 Microplate thermostatic oscillator The microplate thermostatic oscillator is a microplate thermostatic oscillator formed by micro-processing technology combined with PID control mode. It has the characteristics of small size, light weight, low noise and simple operation. Mainly used for enzymatic plate (96-well / 384-well plate), cell culture plate (24-well plate, 48-well plate, 96-well plate, etc.) and other solutions at the appropriate temperature for mixing or cell incubation, often used in immunohistochemistry and molecular diagnostic experiments of microplate constant temperature oscillation

It has the function of heating up and down the microporous plate, so that each hole of the microporous plate can be evenly heated

The microprocessor controls the temperature, speed and time, the temperature control linearity is good, the oscillation speed is accurate, and the fluctuation is small

The setting and actual temperature, time and oscillation speed parameters can be displayed simultaneously

2 standard enzyme plate and microplate can be placed, and sound alarm will be issued after the program is finished to remind the end of the experiment



Order NO.	CTM-96-2	CTM-96-4
Oscillating RPM	100-1200rpm	100-1500rpm
Amplitude of oscillation (horizontal rotation)	2mm	2mm
Temperature control range	Room temperature +5°C-70°C	Room temperature +5 ° C -70 ° C
Temperature control accuracy	Plus or minus 0.3 °C or less	Plus or minus 0.3 °C or less
Display accuracy	0.1 °C	0.1 °C
Heating time (20 ° C to 70 ° C)	≤20min	≤20min
Timing range	1min-99h59min	1min-99h59min
Sample throughput	2 standard microporous plates	4 standard microporous plates
Power supply	AC100-230V, 50-60HZ,120W	AC100-230V, 50-60HZ,120W
Overall dimensions (mm)	270 * 300 * 158	325 * 360 * 180
Weight	6.3 kg	8.5 kg

Bioland™ MO-96-4 microplate oscillator

MO-96-4 microplate oscillator is a DC brushless motor driven oscillation, mainly used for enzyme plate (96-well plate / 384-well plate), cell culture plate (24-well plate, 48-well plate, 96-well plate, etc.) and 1.5/2.0ml centrifuge tube solution mixed oscillation

LED digital tube display, the operation panel is simple, can accurately display the time and oscillation speed parameters

Microprocessor control speed and time, oscillation speed accurate, small fluctuation, safe and stable no noise

Time and oscillation speed parameters can be displayed



simultaneously

4 standard enzyme plate and microplate can be placed, and sound alarm signal can be issued after the program is finished

Dc brushless motor drive, long life, free of insurance, can provide soft or strong oscillation

Order NO.	MO-96-4
Oscillating speed set accuracy	10rpm
Oscillating speed	200-1500rpm standard microplate 200-1000rpm deep hole plate or centrifugal tube holder
Time setting	1min-99h59min
Amplitude of oscillation	3mm
Power supply	AC220V or AC120V
Overall dimensions (mm)	300x270x125
Weight	5.5 kg

Bioland™ CT300 Series circular shaker

The Bioland™ CT300 series Circular shaker is compact and uses DC brushless motor technology and microcomputer control technology to provide a wide range of functions for applications in biotechnology, microbiology and medical analysis.

Rotational speed 50-300rpm

With timing function, the culture time can be set arbitrarily within the range of 1min~100 hours

Interchangeable stage, maximum load: 3.0kg

Low voltage power supply, suitable for freezer use

Working environment temperature: 4 ~ 45°C

A variety of trays to choose from, suitable for different mixing work

Order NO.	CT300-10	CT300-20
Rev	50-350rpm	50-300rpm
Track diameter	10mm	20mm
Timing range	1min-99h59min	1min-99h59min
Stage	See Optional accessories	See Optional Parts
Maximum load bearing	3.0 kg	2.5 kg
Power supply	AC 100-230V 50-60HZ,60W	AC 100-230V 50-60HZ,60W
Size (mm)	300 * 270 * 125	300 * 270 * 125
Weight	5.5 kg	5.5 kg



Select accessories	
Order Number	Description
CTO1-N	Universal pallet clamp with non-slip rubber pad for all kinds of containers
CT12-100	Conical flask holder with clamp for 12x100/150ml flask
CT6-150	Conical flask holder with clamp for 6x250/300ml flask
CT-1N	Adjustable flask stand, equipped with anti-shan rubber pad, suitable for all kinds of cell culture bottles
CT-MF	Universal fixture for all kinds of centrifugal tubes and conical bottles

Bioland™ MMTM-100 multi-tube vortex mixer

The MMTM-100 multi-tube vortex mixer uses a brushless DC motor to drive oscillations and mixes up to 50 samples at a time. A variety of accessories are available to meet the needs of different specifications of tube vortex mixing.

LCD display speed, time, microprocessor control speed and time

Up to 50 samples can be processed at a time

Time and oscillation speed parameters can be displayed simultaneously

4 standard enzyme plate and microplate can be placed, and sound alarm signal can be issued after the program is finished

Dc brushless motor drive, long life, free of insurance, can provide soft or strong oscillation



Order NO.	MTM-100
Oscillating speed set accuracy	10rpm
Oscillating speed	500-2500rpm
Time Settings	1min-99h59min
Amplitude of oscillation	4mm
Power supply	AC100V-230V,100W
Overall dimensions (mm)	240 * 420 * 430
Weight	20kg

Optional accessories: Adaptation module

Module number	Module Description	Dimensions (mm)
MTM50-10	Bioland™ test tube adaptation module; 50x ϕ 10mm	245x132x45
MTM50-12	Bioland™ test tube adaptation module; 50x ϕ 12mm	245x132x45
MTM50-13	Bioland™ test tube adaptation module; 50x ϕ 13mm	245x132x45
MTM50-16	Bioland™ test tube adaptation module; 50x ϕ 16mm	245x132x45
MTM15-25	Bioland™ test tube adaptation module; 15x ϕ 25mm	245x132x45
MTM15-29	Bioland™ test-tube adaptation module; 15x ϕ 29mm	245x132x45
MTM01-T	Replaceable tray mat	305 x178. 5 x25

Bioland™ Labtimes Large volume reagent preparation stirring system

The Bioland™ Labtimes Reagent Preparation Stirring System is an efficient and energy-saving modular solution for large-volume stirring applications. Comprising a stirring unit, mobile work platform, and stirring vessels, this system delivers exceptional value through optimized workflow efficiency and space-saving design.

Key Features

Space Optimization: Compact design ideal for limited laboratory spaces

Chemical Resistance: Constructed from 316L stainless steel for superior durability

Ergonomic Design: User-friendly interface and convenient operation

Modular Flexibility: Customizable configurations to meet specific process requirements

Proven Reliability: Precision engineering with real-time monitoring capabilities

Minimal Residue: Cone-bottom vessel design reduces material retention

Cost Efficiency: High-volume processing capability at competitive cost

Technical Specifications

Voltage: 220-240V, 50/60Hz

Motor Speed: 50-300 RPM

Operating Temperature: Up to 42°C

Dimensions: 800 × 800 × 1200 mm

Weight: Approximately 80 kg

Material: 316L Stainless Steel

Stirring Modes: Forward/Reverse rotation

Control Options: Stirring, weighing, heating, and pH display available

Applications

Liquid-liquid and liquid-solid homogeneous stirring

Buffer and culture media preparation

Cleaning solution stirring

Diagnostic reagent formulation and filling

Large-volume solution preparation

Standard Configuration

1. Motorized lifting column

2. Lifting motor

3. Control console

4. Stirring impeller

5. Stirring motor

6. Mobile work platform

7. Platform weighing system

8. Braked casters

9. Standard casters

10. Main system framework



Engineered to enhance efficiency and productivity in pharmaceutical, biotech, and industrial laboratories requiring reliable large-volume stirring solutions.

Order number	Description
LT-500-S	Stirring System, 50-500L, Standard Set, with Weighing & Mobile Platform, 316L Impeller
LT-500-T	Stirring System, 50-500L, Standard Set, with Weighing & Mobile Platform, PTFE Impeller
LT-1200-S	Stirring System, 600-1200L, Standard Set, with Weighing & Mobile Platform, 316L Impeller

LT-1200-T	Stirring System, 600-1200L, Standard Set, with Weighing & Mobile Platform, PTFE Impeller
Optional features	
PH-100	pH Monitoring Module, for Stirring Systems
HT-50	Heating & Thermostat Module, for 50L Vessel
HT-100	Heating & Thermostat Module, for 100L Vessel
HT-200	Heating & Thermostat Module, for 200L Vessel
HT-300	Heating & Thermostat Module, for 300L Vessel
HT-500	Heating & Thermostat Module, for 500L Vessel
HT-800	Heating & Thermostat Module, for 800L Vessel
HT-1200	Heating & Thermostat Module, for 1200L Vessel

Stirring Impeller	
number of order	description
SBR-50SS	Stirring Impeller, 316L Stainless Steel, for 50L Vessel
SBR-100SS	Stirring Impeller, 316L Stainless Steel, for 100L Vessel
SBR-200SS	Stirring Impeller, 316L Stainless Steel, for 200L Vessel
SBR-300SS	Stirring Impeller, 316L Stainless Steel, for 300L Vessel
SBR-500SS	Stirring Impeller, 316L Stainless Steel, for 500L Vessel
SBR-800SS	Stirring Impeller, 316L Stainless Steel, for 800L Vessel
SBR-1200SS	Stirring Impeller, 316L Stainless Steel, for 1200L Vessel
SBR-50T	Stirring Impeller, 316L + PTFE, for 50L Vessel
SBR-100T	Stirring Impeller, 316L + PTFE, for 100L Vessel
SBR-200T	Stirring Impeller, 316L + PTFE, for 200L Vessel
SBR-300T	Stirring Impeller, 316L + PTFE, for 300L Vessel
SBR-500T	Stirring Impeller, 316L + PTFE, for 500L Vessel
SBR-800T	Stirring Impeller, 316L + PTFE, for 800L Vessel
SBR-1200T	Stirring Impeller, 316L + PTFE, for 1200L Vessel



Bioland™ Stirring/Preparation Tanks

Product Overview

Bioland™ Stirring/Preparation Tanks are available in two material configurations to meet diverse processing requirements. Select between corrosion-resistant 316L stainless steel for critical bioprocessing applications or lightweight LLDPE for general-purpose solution preparation and storage.

Material Options

316L Stainless Steel Tanks

Excellent chemical compatibility

Withstands sterilization processes

Ideal for GMP-regulated environments

LLDPE Tanks

Impact-resistant construction

Suitable for routine laboratory applications

Economical alternative

Key Features

Designed for compatibility with Bioland™ stirring system

Multiple capacity configurations available

Sanitary design with smooth internal surfaces

Standard and custom specifications

Applications

Buffer and media preparation

Chemical solution processing

Bulk storage applications

Pharmaceutical manufacturing

Industrial fluid handling



All tanks are manufactured under stringent quality management systems to ensure reliable performance and long-term durability.

Stirring Tank	
Order No.	description
CT-50SS	316L Stainless Steel Stirring Tank, 50L
CT-100SS	316L Stainless Steel Stirring Tank, 100L
CT-200SS	316L Stainless Steel Stirring Tank, 200L
CT-300SS	316L Stainless Steel Stirring Tank, 300L
CT-500SS	316L Stainless Steel Stirring Tank, 500L
CT-800SS	316L Stainless Steel Stirring Tank, 800L
CT-1200SS	316L Stainless Steel Stirring Tank, 1200L
CT02-50P	LLDPE Plastic Stirring Tank, 50L
CT02-100P	LLDPE Plastic Stirring Tank, 100L
CT02-200P	LLDPE Plastic Stirring Tank, 200L
CT02-300P	LLDPE Plastic Stirring Tank, 300L
CT02-500P	LLDPE Plastic Stirring Tank, 500L
CT02-800P	LLDPE Plastic Stirring Tank, 800L
CT02-1200P	LLDPE Plastic Stirring Tank, 1200L
CT05-50P	PP Plastic Stirring Tank, 50L
CT05-100P	PP Plastic Stirring Tank, 100L
CT05-200P	PP Plastic Stirring Tank, 200L
CT05-300P	PP Plastic Stirring Tank, 300L

CT05-500P	PP Plastic Stirring Tank, 500L
CT05-800P	PP Plastic Stirring Tank, 800L
CT05-1200P	PP Plastic Stirring Tank, 1200L

Bioland™ Labtimes Reagent Preparation Stirring Carboys

Product Overview

The Bioland™ Labtimes Reagent Preparation Stirring Carboys is an efficient, energy-saving solution with a compact footprint designed for bench-top operation. This system is specifically engineered for preparation volumes ranging from 4 to 50 liters, delivering reliable performance in laboratory settings.

Key Features

Space-Saving Design: Compact construction allows convenient bench-top operation

Servo Motor Drive: Provides precise control and consistent mixing performance

Chemical-Resistant Vessel: Polypropylene (PP) preparation tank with handle

Multiple Capacity Options: Available in 10L, 20L, and 50L configurations

Cost-Effective Operation: Delivers high efficiency within budget constraints

Technical Specifications

Working Volume Range: 4-50 liters

Drive System: Servo motor

Material: Polypropylene preparation Carboys

Design: Dual side-arm feeding ports

Available Sizes: 10L, 20L, 50L

Applications

Liquid-liquid and liquid-solid homogeneous mixing

Buffer preparation

Culture media formulation

Cleaning solution preparation

Diagnostic reagent production

Benefits

Enhanced preparation efficiency and volume capacity

Real-time monitoring for reliable operation

Excellent chemical compatibility

User-friendly bench-top design

Ideal for pharmaceutical, biotechnology, and research laboratories requiring efficient and compact stirring solutions for reagent preparation.



Order number	description
LT-010-T	10L Stirring System, Standard Kit (with PTFE Stirring Impeller)
LT-020-T	20L Stirring System, Standard Kit (with PTFE Stirring Impeller)
LT-050-T	50L Stirring System, Standard Kit (with PTFE Stirring Impeller)
Optional features	
PH-S100	pH Probe
SC-50	Mobile Cart
WSC-50	Mobile Cart with Integrated Scale

Bioland™ Labtimes Desktop Reagent Filling System

Ideal for small-batch filling in laboratories, pharmaceutical companies, reagent manufacturers, beverage plants, and cosmetics factories. This system is designed to handle containers of various shapes, including round, square, and irregular bottles. Its space-saving desktop design allows for easy operation on a standard work surface. For reagent filling requiring a clean environment, the unit is compact enough to be placed inside a biosafety cabinet. An optional professional Class 100 Laminar Flow Hood with a UV sterilization lamp is available for critical sterile applications.

Key Features & Benefits:

Compact Design: Easy to set up and use on any desktop or countertop, saving valuable lab space.

Versatile Container Compatibility: Adapts to a wide range of container shapes—round, square, or irregular—offering exceptional flexibility.

Multi-Purpose Utility: A single machine accommodates various container specifications, maximizing its application across different workflows.

Cost-Effective & Efficient: Significantly reduces labor costs and increases production efficiency for small batches.

Customization Available: The system can be tailored to your unique workflows, ensuring it meets your exact production challenges.



Order number	description
FM01-125	Labtimes desktop reagent filling system; single channel; suitable for filling volumes of 1-125ml; manual loading
FM02-125	Labtimes desktop reagent filling system; dual-channel; suitable for filling volumes of 1-125ml; manual feeding
FM01-C	Labtimes desktop reagent filling system; single channel automatic lid loading system
FM02-C	Labtimes desktop reagent filling system; dual-channel automatic lid loading system
FM01-B	Labtimes desktop reagent filling system; single channel automatic bottle loading system
FM02-B	Labtimes desktop reagent filling system; dual-channel automatic bottle loading system
FM01-M	Single channel replaceable fixture
FM02-M	Double channel replaceable fixture

Filling efficiency:

type		single channel	single channel	single channel	binary channels	binary channels	binary channels
Volumetric filling	Pump tube model	Manual feeding	Manual bottle loading and automatic lid loading	Automatic bottle filling Automatic lid	Manual feeding	Artificial bottle filling Automatic lid	Automatic bottle filling Automatic lid
1ml	13#	≈400	≈600	≈600	≈700	≈1200	≈1200
5ml	14#	≈400	≈600	≈600	≈700	≈1200	≈1200
10ml	19#	≈400	≈600	≈600	≈700	≈1200	≈1200
30ml	25#	≈360	≈600	≈600	≈650	≈1200	≈1200
60ml	25#	≈320	≈600	≈600	≈550	≈1200	≈1200
125ml	25#	≈300	≈600	≈600	≈500	≈1200	≈1200

plant parameter :

voltage	220-240V;50/60Hz	weight of equipment	About 40 kg (weight varies by model)
applicable temperature	The ambient temperature is 42°C	Equipment dimensions	550*600*700mm
Rotary lid system	Speed adjustable	Body material	316L stainless steel
Filling system	Size adjustable		

Bioland™ Labtimes Large-Volume Reagent Filling System

The Labtimes Large-Volume Reagent Filling System is engineered for small-batch production filling, serving the needs of laboratories, pharmaceutical companies, reagent manufacturers, beverage plants, and cosmetics factories. This system accommodates a wide variety of bottle types and specifications and can be customized to meet specific application requirements. For reagent filling that demands a controlled cleanroom environment, an optional professional Class 100 Laminar Flow Hood with UV sterilization lamp is available to meet stringent purity requirements.

Key Features & Benefits:

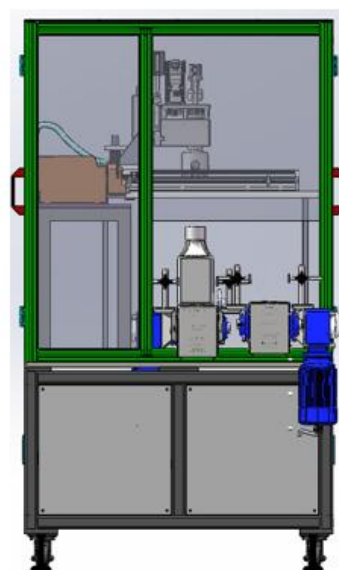
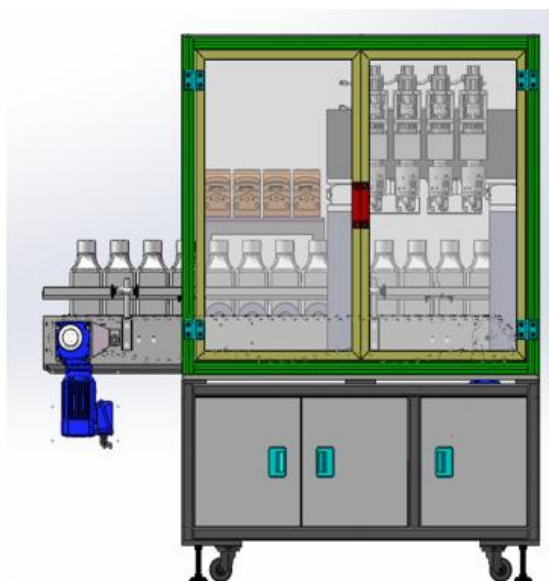
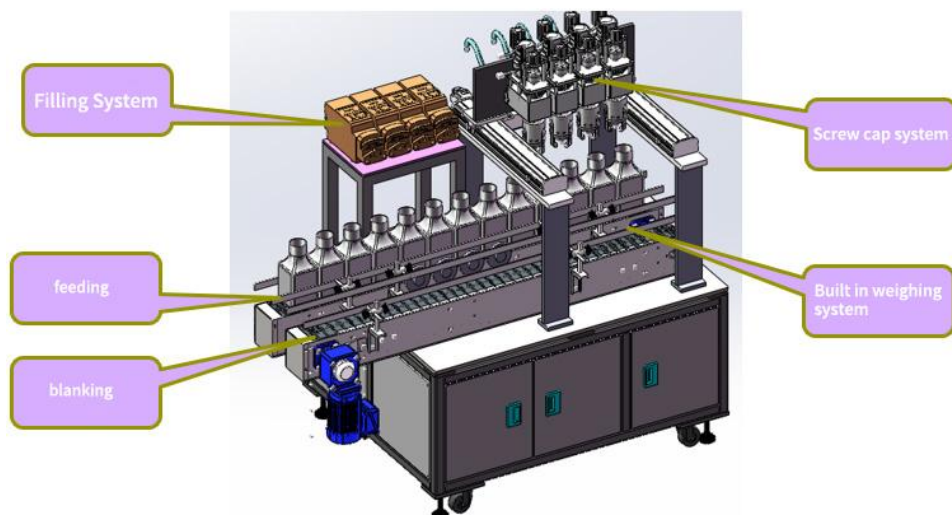
High Versatility: Capable of filling diverse container types and sizes, providing exceptional adaptability for various production needs.

Multi-Purpose Design: A single, unified system eliminates the need for multiple dedicated machines, offering broad compatibility across different formats and specifications.

Cost & Efficiency Optimization: Streamlines the filling process to minimize labor dependency and significantly boost overall output efficiency.

Precision Filling with Weight-Based Replenishment: Ensures outstanding accuracy for critical applications by utilizing an integrated weighing system to automatically top-up reagents to the target fill weight.

Customization Available: The system can be tailored to your unique workflows, ensuring it meets your exact production challenges.



Number of order	Description
FM01-1000	Labtimes Large-Volume Reagent Filling System; Single-Channel; Filling Volume: 125-1000ml
FM02-1000	Labtimes Large-Volume Reagent Filling System; Dual-Channel; Basic Model; Filling Volume: 125-1000ml
FM04-1000	Labtimes Large-Volume Reagent Filling System; Quad-Channel; Basic Model; Filling Volume: 125-1000ml
FM1001-C	Class 100 Laminar Flow Hood for Single-Channel System
FM1002-C	Class 100 Laminar Flow Hood for Dual-Channel System
FM1004-C	Class 100 Laminar Flow Hood for Quad-Channel System
FM1001-B	Single-Channel Automatic Capping System
FM1002-B	Dual-Channel Automatic Capping System
FM1004-B	Quad-Channel Automatic Capping System
FM1001-HT	Rotary Turntable Automatic Bottle Loading System
FM1001-H	Automatic Bottle Sorting and Loading System (Bottle Orienting Auto-Loader)
FM1000-UV	UV Sterilization Lamp; Customization Available

FORLAB Reagent



High-glucose DMEM medium containing L-glutamine and sodium pyruvate

Product introduction

DMEM(Dulbecco's Modified Eagle Medium) is a widely used base medium for a variety of mammalian cell cultures, including cell lines such as HeLa, 293, Cos-7, and PC-12, as well as primary fibroblasts, neurons, glial cells, and more. Human umbilical vein endothelial cells, smooth muscle cells, etc., DMEM contains four times the concentration of amino acids and vitamins compared to MEM

This product uses Water-For-Injection configuration

Order N O.	Description	Product Features	Contains ingredients
FL10010	High-sugar DME M medium containing L-glutamine and sodium pyruvate 500mL	This product is a filtration and sterilization product	Contain (+)
		Physical appearance: red clarified liquid	4.5g/L D-glucose
		Endotoxin: $\leq 1\text{EU/mL}$	L-glutamine
		Osmotic pressure: 320-350mOsm/kg-H ₂ O	Phenol red
		pH value: 7.0-7.4	0.11g/L sodium pyruvate
		Transport condition: Blue ice	Excluding (-)
		Storage conditions: 2-8 °C store away from light, valid for 12 months	HEPES

Note: This product is intended for scientific research and production, for in vitro culture of tissues and cells; Prohibited from clinical use

DMEM/F-12(1:1) medium with L-glutamine and HEPES

Product introduction

DMEM/F-12(Dulbecco's Modified Eagle Medium/Nutrient Mixture F-12) is a widely used basic medium to support the growth of a variety of mammalian cells. Successful cultured cells in this medium include MDCK, glial cells, Fibroblasts, human endothelial cells and rat fibroblasts;

A 1:1 mixture of DMEM medium and Ham's F-12 medium, this product is ideal for cultivating a wide range of cell types under low serum conditions

This product uses Water-For-Injection configuration

Order NO.	Description	Product Features	Contains ingredients
FL10012	DMEM/F-12(1:1) medium containing L-glutamine and HEPES 500mL	This product is a filtration and sterilization product	Contain (+)
		Physical appearance: red clarified liquid	Phenol red
		Endotoxin: $\leq 1\text{EU/mL}$	L Sodium pyruvate
		Osmotic pressure: 290-330 mosm /kg-H ₂ O	HEPES
		pH value: 7.0-7.4	
		Transport condition: Blue ice	
		Storage conditions: 2-8 °C store away from light, valid for 12 months	

Note: This product is intended for scientific research and production, for in vitro culture of tissues and cells; Prohibited from clinical use

RPMI 1640 medium (containing L-glutamine)

Product introduction

RPMI1640 was originally used for suspension culture or monolayer culture of human leukemia cells. Later, it was found that this medium was also suitable for the culture of HeLa, Jurkat, MCF-7, PC12, peripheral blood mononuclear cells (B and T lymphocytes), astrocytes and cancer cells. The RPMI1640 medium contains biotin, vitamin B12 and p-aminobenzoic acid that are not present in DMEM, as well as high concentrations of inositol and choline chloride.

This product uses Water-For-Injection configuration.



Order NO.	Description	Product Features	Contains ingredients
FL10011	RPMI1640 medium containing L-glutamine 500mL	This product is a filtration and sterilization product	Contain (+)
		Physical appearance: red clarified liquid	L-glutamine
		Endotoxin: $\leq 1\text{EU/mL}$	Phenol red
		Osmotic pressure: 260-305mOsm/kg·H ₂ O	Excluding (-)
		pH value: 7.0-7.4	HEPES
		Transport condition: Blue ice	
		Storage conditions: 2-8 °C store away from light, valid for 12 months	

Note: This product is intended for scientific research and production, for in vitro culture of tissues and cells; Prohibited from clinical use.

Phosphate buffer (PBS) (pH7.4)

Product introduction

Phosphate buffers (PBS) can be used for a variety of cell culture purposes, such as rinsing cells before dissociating them, transporting cell or tissue samples, diluting cells for cell counting, and preparing various reagent solutions.

PBS does not contain calcium and magnesium ions and can be used to clean the chelating agent before cell dissociation.

This product uses Water-For-Injection configuration.



Order NO.	Description	Product Features	Contains ingredients
FL10210	Phosphate buffer (PBS) (pH7.4) 500mL	This product is a filtration and sterilization product	Excluding (-)
		Physical appearance: Colorless clear liquid	Ca ²⁺
		Endotoxin: $\leq 1\text{EU/mL}$	Mg ²⁺
		Osmotic pressure: 280-320mOsm/kg·H ₂ O	Phenol red
		pH value: 7.3-7.5	
		Transport condition: room temperature	
		Storage conditions: 2-30 °C store away from light, valid for 5 years	

Note: This product is intended for scientific research and production, for in vitro culture of tissues and cells; Prohibited from clinical use.

Serum Free cell storage solution

Product introduction

FORLAB Serum Free cell freeze is a ready-to-use product that does not contain serum or animal derived proteins. Reduce the risk of contamination by various bacteria, viruses, mycoplasma, etc., ensure the safety of frozen cells, and reduce the influence of exogenous proteins on normal cell growth and differentiation. Without the need for programmed cooling, it can preserve cells at -80 °C for a long time, which is suitable for freezing most mammalian cells.



Order NO.	Description	Product Features
FL10020	50ml	Storage conditions: 4 ° C away from light storage, expiration date for the Package
FL10020L	100ml	

Cell Counting Kit-8 (CCK-8) Cell proliferation Kit

Product introduction

Cell Counting Kit-8, referred to as CCK8 (or WST-8) kits, is based on WST-8 (chemical name: The color reaction of 2-(2-methoxy-4-nitrophenyl)-3-(4-nitrophenyl)-5-(2, 4-disulfonobenzene) -2h-tetrazole monosodium salt is widely used in rapid and sensitive detection kit for cell proliferation and cytotoxicity.

How WST-8 works: In the presence of electron-coupled reagents, it can be reduced by dehydrogenase in mitochondria to produce highly water-soluble orange formazan. The color depth is proportional to the proliferation of cells and inversely proportional to the cytotoxicity. OD values were measured at the wavelength of 450nm by enzymoscope, which indirectly reflected the number of living cells.

WST-8 is an upgrade replacement of MTT, and has obvious advantages over MTT or other MTT similar products such as XTT, MTS, etc. Firstly, Mazan, which is reduced by some dehydrogenases in the mitochondria, is not water-soluble and requires a specific solution to dissolve it. However, formazan produced by WST-8, XTT and MTS is water-soluble and can eliminate the subsequent dissolution steps. Secondly, Formazan produced by WST-8 is more soluble than Formazan produced by XTT and MTS. Thirdly, WST-8 is more stable than XTT and MTS, which makes the experimental results more stable. In addition, WST-8 has a wider linear range and higher sensitivity than MTT and XTT.

CCK method is widely used in drug screening, cell proliferation assay, cytotoxicity assay, tumor drug susceptibility assay and biological factor activity detection.



Order NO.	Description	Product Features
FL10030	100T 1 mL	Storage conditions: 4 ° C away from light storage, long-term storage at -20 ° C, the validity of the Package
FL10030M	500T 5 mL	
FL10030L	3000T 30 mL	
FL10030XL	10000T 100 mL	

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
Temperature for use ° C	20	50	20	50	20	50	20	50	20	50	20	50
1, 4-digoats heterocycloethane	S	M	G	G	U	U	-	-	U	U	U	U
2,2,4-trimethylpentane	M	U	M	U	M	U	-	-	U	U	U	U
2,4, 6-trinitrophenol	U	U	U	U	U	U	-	-	U	U	G	M
2-methoxyethanol	S	G	S	S	G	S	M	U	U	U	U	U
2-propyl alcohol	S	S	S	S	S	S	-	-	S	S	S	G
acetaldehyde	G	U	G	M	G	M	-	-	U	U	U	U
Acetamide - saturated	S	S	S	S	S	S	-	-	U	U	S	S
Acetic acid -5%	S	S	S	S	S	S	M	U	S	G	S	G
Acetic acid -50%	G	M	S	G	S	S	U	U	G	M	G	G
Acetic acid - ice	G	U	G	G	S	G	U	U	U	U	M	U
Acetic anhydride	U	U	M	M	G	M	-	-	U	U	U	U
Acetone	G	U	U	U	M	U	U	U	U	U	U	U
Potassium cyanide alkyl	S	S	S	S	S	G	-	-	U	U	U	U
acetophenone	U	U	M	M	M	U	-	-	U	U	U	U
acrylonitrile	S	S	S	S	M	U	-	-	U	U	U	U
Adipic acid	S	G	S	S	S	S			S	S	S	S
Alanine	S	S	S	S	S	S			S	S	S	S
Allyl alcohol	S	S	S	S	S	S			G	G	G	M
Aluminum chloride	S	S	S	S	S	S			S	G	S	S
Aluminum hydroxide	S	G	S	S	S	G			M	U	G	G
Aluminum salt	S	S	S	S	S	S			S	G	S	G
Amino acids	S	S	S	S	S	S			S	S	S	S
Ammonia -25%	S	S	S	S	S	S			U	U	S	G
ammonia	S	S	S	S	S	S			U	U	S	G
Ammonium acetate -saturated	S	S	S	S	S	S			G	G	S	S
Ammonium chloride	S	S	S	S	S	S			S	G	S	S
Glycolate ester amine	S	G	S	S	S	G			G	M	S	S
Ammonium hydroxide -5%	S	S	S	S	S	S	M	U	M	U	S	M
Ammonium hydroxide -30%	S	G	S	S	S	G	U	U	U	U	G	M
Ammonium oxalate	S	G	S	S	S	G			S	S	S	S
Ammonium salt	S	S	S	S	S	S			S	S	G	G
Amyl alcohol	S	S	S	S	S	S			G	M	G	M
Amyl chloride	U	U	M	U	U	U			U	U	U	U
Aniline	S	G	G	M	S	G			U	U	U	U
Aqua regia	U	U	U	U	U	U			U	U	U	U
Arsenate acid	G	M	S	S	S	S			S	S	S	S

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C												
benzaldehyde	S	G	G	U	S	G			U	U	U	U
Aniline	S	G	G	M	S	G			U	U	U	U
benzene	U	U	U	U	U	U			U	U	U	U
Benzyl acetate	S	G	S	S	S	G			M	U	U	U
Benzyl alcohol	U	U	M	U	G	G	U	U	U	U	U	U
Boric acid	S	S	S	S	S	S	U	U	S	S	S	S
bromine	U	U	M	U	U	U			M	U	U	U
Bromobenzene	U	U	U	U	U	U			U	U	U	U
Bromoform	U	U	U	U	U	U			U	U	U	U
Butadiene	U	U	M	U	U	U			U	U	U	U
Butyl acetate	G	M	G	M	M	U			U	U	U	U
Butyl chloride	U	U	U	U	U	U			U	U	U	U
Butyric acid	U	U	M	U	U	U			U	U	U	U
Calcium chloride	S	S	S	S	S	S			S	S	S	S
Calcium hydroxide - concentrated	S	S	S	S	S	S			U	U	G	G
Calcium hypochlorite - saturated	S	S	S	S	S	S			M	U	S	G
Carbazole	S	S	S	S	S	S			U	U	S	S
Carbon disulfide	U	U	U	U	U	U			U	U	U	U
Carbon tetrachloride	M	U	G	M	G	M	U	U	U	U	U	U
Caustic potassium -30%	S	S	S	S	S	S			U	U	G	G
Caustic potassium -50%	S	S	S	S	S	S			U	U	G	G
Caustic potassium - concentrated	S	S	S	S	S	S			U	U	G	G
Caustic soda -1%	S	S	M	M	S	S	G		M	U	S	S
Caustic soda -50%	G	G	G	M	S	S	U	U	U	U	S	G
Caustic soda - concentrated	G	G	G	M	S	S	U	U	U	U	S	G
Cedar oil	U	U	M	U	U	U	U	U	G	M	U	U
Acetate fibrinolytic agent	S	G	S	S	M	U			M	U	U	U
Chlorine - aqueous solution	G	U	G	G	M	U			G	M	M	U
Chlorine - moisture	G	U	G	M	M	U			G	M	U	U
Chlorine moisture -10%	G	U	G	M	M	U			G	M	U	U
Chlorine dry gas -10%	G	U	E	M	M	U			G	F	U	U
Chloroacetic acid	S	S	S	S	S	G			M	U	G	U
chlorobenzene	U	U	U	U	U	U			U	U	U	U
chloroform	M	U	M	U	U	U			U	U	U	U

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C												
Chromic acid -10%	S	S	S	S	S	S	G		G	M	S	G
Chromic acid -20%	S	S	S	S	G	G	G		G	M	G	G
Chromic acid -50%	S	S	S	S	G	M			M	U	M	U
Chromic acid - contains sulfur	U	U	U	U	U	U			U	U	U	U
Cinnamon oil	U	U	U	U	U	U			G	M	U	U
Citric acid -10%	S	S	S	S	S	S	G		S	S	S	S
Citric acid -1M	S	S	S	S	S	S	G		S	S	S	S
Copper sulfate	S	S	S	S	S	S	S		S	S	S	S
cresol	U	U	M	U	G	M			U	U	M	U
cyclohexane	M	U	M	U	G	U	G	U	S	M	U	U
cyclohexanone	U	U	M	U	M	U	U	U	U	U	U	U
cyclopentane	U	U	M	U	M	U			U	U	U	U
decahydronaphthalene	G	M	S	G	U	U			S		U	U
naphthalene	G	M	S	G	U	U			S		U	U
diacetone	U	U	U	U	G	M	U	U	U	U	U	U
Diacetone alcohol	M	U	S	S	G	M			U	U	S	M
Dibutyl phthalate	M	U	M	U	G	U			G	U	U	U
diethylbenzene	U	U	M	U	M	U			M	U	U	U
ether	U	U	M	U	M	U	S		U	U	U	U
Diethyl ketone	U	U	U	U	G	G			U	U	U	U
Diethyl malonate	S	S	S	S	S	S			M	U	U	U
Diethylamine	U	U	M	U	G	U			U	U	G	G
Dioxane	G	M	G	G	U	U			U	U	U	U
Diethylene glycol	S	S	S	S	S	S			G	M	S	S
Dimethylacetamide	M	U	S	S	S	S			U	U	U	U
Dimethylformamide	S	S	S	S	S	S	U	U	U	U	U	U
Dimethyl sulfoxide	S	S	S	S	S	S	U	U	S	G	S	G
Dilambs heterocycloethane	G	M	G	G	U	U			U	U	U	U
Dipropylene glycol	S	S	S	S	S	S			G	M	S	S
DMSO	S	S	S	S	S	S	U	U	U	U	S	G
Ethanol -40%	S	G	S	S	S	S	G		S	S	S	G
ether	U	U	M	U	U	U	S		U	U	U	U
Ethyl acetate	S	S	S	S	G	U	U	U	U	U	U	U
Alcohol -40%	S	G	S	S	S	S	G		S	S	S	G
Alcohol -96%	S	G	S	S	S	S	G		S	G	S	G
Alcohol -	S	G	S	S	S	S	G		S	G	S	G
ethylbenzene	U	U	M	U	U	U	S		U	U	G	M

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C												
Ethyl benzoate	M	M	G	G	G	M			U	U	U	U
Ethyl butyrate	G	U	G	M	G	U			U	U	U	U
chloroethane	M	U	U	U	M	U			U	U	U	U
Ethyl cyanoacetate	S	S	S	S	S	S			M	U	G	U
Ethyl lactate	S	S	S	S	S	S			M	U	M	U
Vinyl chloride	U	U	U	U	U	U			U	U	U	U
Ethylene glycol	S	G	S	S	S	S	S		S	G	S	S
Ethylene oxide -100%	M	M	G	M	M	U	G	M	M	U	U	U
Ethylene oxide - Gas	G	G	S	S	S	S	G	M	S	S	S	G
Ethylene oxide	M	M	G	M	M	U	G	M	M	U	U	U
EtO- Gas	G	G	S	S	S	S	G	M	S	S	S	G
EtO	M	M	G	M	M	U	G	M	M	U	U	U
Fatty acids - saturated	G	M	S	S	S	G	G	M	G	M	S	M
Fatty acids - unsaturated	G	M	S	S	S	G	G	M	G	M	S	M
Fluoride -	S	S	S	S	S	S			S	S	G	G
Fluoride - gas	M	U	G	U	U	U			G	M	U	U
Formaldehyde -10%	S	S	S	S	S	S			S	S	G	G
Formaldehyde -40%	S	G	S	G	S	S			S	S	G	G
Formalin -10%	S	S	S	S	S	S			S	S	G	G
Formalin. -40%	S	G	S	G	S	S			S	S	G	G
Formic acid -3%	S	G	S	S	S	G			S	G	S	S
Formic acid -50%	G	G	S	S	S	G			G	M	G	M
Formic acid -85%	G	G	S	S	S	G			M	U	G	M
Formic acid	G	G	S	S	S	G			M	U	G	M
Freon TF	S	G	S	G	S	G			G	U	M	U
Gasoline	U	U	M	U	M	U	G		M	U	U	U
Glutaraldehyde	S	G	S	S	S	S	G		S	M	S	M
Glutaraldehyde disinfectant	S	G	S	S	S	S			S	M	S	M
glycerol	S	S	S	S	S	S			S	S	S	S
Hexane	U	U	G	M	G	M	G		M	U	U	U
hydrazine	U	U	U	U	U	U			U	U	U	U
Hydrobromic acid -69%	S	S	S	G	S	G			G	M	M	M
Hydrochloric acid -5%	S	S	S	S	S	S	G		S	S	S	S
Hydrochloric acid -20%	S	S	S	S	S	S	G		G	M	S	S
Hydrochloric acid -35%	S	S	S	S	S	G	G		M	U	S	S
Hydrofluoric acid -4%	S	S	S	S	S	S	G		S	S	S	S
Hydrofluoric acid -48%	S	S	S	S	S	G	G		G	M	S	S
Hydrogen peroxide -3%	S	S	S	S	S	G	G		S	S	S	G

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C	20	50	20	50	20	50	20	50	20	50	20	50
Hydrogen peroxide -30%	S	G	S	S	S	M	G		S	S	S	G
Hydrogen peroxide -90%	S	M	S	S	S	M	G		S	S	S	G
Iodine crystals	U	U	U	U	S	S			G	U	G	M
Isobutyric acid	S	S	S	S	S	S			S	G	G	G
Isopropyl alcohol	S	S	S	S	S	S			S	S	S	G
Isopropyl acetate	G	M	S	G	G	M			U	U	U	U
Isopropyl alcohol	S	S	S	S	S	S			S	S	S	G
Isopropyl benzene	M	U	M	U	M	U			U	U	U	U
Isopropyl ether	U	U	M	U	U	U			U	U	U	U
Jet engine ingredients	M	U	M	U	M	U			G	U	G	M
Kerosene	M	U	M	U	M	U	G		S	M	U	U
Spray paint thinner	U	U	M	U	M	U	U	U	U	U	U	U
Lactic acid -3%	S	G	S	S	S	S	M	U	S	S	S	S
Lactic acid -85%	S	G	S	S	S	G	U	U	S	G	S	S
Lead acetate	S	S	S	S	S	S			S	S	S	S
Magnesium chloride	S	S	S	S	S	S			S	S	S	S
MEK	U	U	U	U	S	G	G		U	U	U	U
Mercury chloride	S	S	S	S	S	S	U	U	S	S	G	G
Methanol	S	G	S	S	S	S	G		G	M	G	M
Methoxyethyl oleate	S	G	S	S	S	G	G		M	U	U	U
Methyl acetate	M	U	M	M	G	M	U	U	U	U	U	U
Methanol	S	G	S	S	S	S	G		G	M	G	M
Butyl ketone	U	U	U	U	S	G	G		U	U	U	U
Methyl isobutyl ketone	U	U	U	U	G	M	U	U	U	U	U	U
Methyl propyl ketone	U	U	M	U	G	M	U	U	U	U	U	U
Dichloromethane	U	U	M	U	M	U	U	U	U	U	U	U
Methyl isobutyl ether	U	U	M	U	M	U	U	U	U	U	U	U
MIBK	U	U	U	U	G	M	U	U	U	U	U	U
Mineral oil	G	U	S	S	S	M	G	U	S	S	S	S
Mineral spirit	M	U	M	U	M	U	G		M	M	M	M
N-amyl acetate	G	M	S	G	G	M			U	U	U	U
N-butanol	S	S	S	S	S	S			G	M	S	G
N-butyl acetate	G	M	G	M	G	M			U	U	U	U
N-butyl alcohol	S	S	S	S	S	S			G	M	S	G
N-gontane	M	U	M	U	M	U			M	U	M	U
n-heptane	U	U	M	M	M	M	S		M	U	U	U
Nitric acid -10%	S	S	S	S	S	S	G		S	G	G	N
Nitric acid -20%	S	S	G	G	M	M	G		S	G	M	U
Nitric acid -50%	G	M	M	U	M	U	G		G	M	M	U

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
Temperature for use°C	20	50	20	50	20	50	20	50	20	50	20	50
Nitric acid -70%	M	U	M	U	U	U	U	U	G	U	U	U
Nitrobenzene	U	U	U	U	U	U	U	U	U	U	U	U
Nitromethane	U	U	M	U	M	U	U	U	M	U	U	U
n-octane	S	S	S	S	S	S			G	M	U	U
O-dichlorobenzene	M	U	U	U	M	U	U	U	U	U	U	U
Oil - Cedar	U	U	M	U	U	U			G	M	U	U
oil-cinnamon	U	U	M	U	U	U			G	M	U	U
Oil - Mineral	G	U	S	S	S	S			S	G	S	S
Oil - Pine	G	U	M	U	S	G			G	M	U	U
Orange oil	M	U	G	M	G	M			M	M	U	U
Oxalic acid -10%	S	S	S	S	S	S			S	S	S	S
Ozone - Gas	G	U	G	U	M	U			U	U	M	M
p-chlorophenone	S	S	S	S	S	S			G	U	U	U
P-dichlorobenzene	M	U	U	U	G	M	U	U	U	U	U	U
Perchloric acid -70%	G	U	G	U	G	U			U	U	G	M
Perchloric acid	G	U	G	U	G	U			U	U	G	M
Pervinyl chloride	U	U	U	U	U	U			U	U	U	U
Oil	U	U	G	U	U	U			M	M	U	U
Phenol -50%	U	U	U	U	U	U	U	U	U	U	U	U
Phenol - crystal	M	U	G	M	G	U	U	U	U	U	U	U
Phenol - liquid	U	U	U	U	U	U	U	U	U	U	U	U
Phosphoric acid -5%	S	S	S	S	S	S			S	S	S	S
Phosphoric acid -85%	S	U	S	S	S	G			S	G	S	G
Picric acid	U	U	U	U	U	U			U	U	G	M
Pine oil	G	U	M	U	S	G			G	M	U	U
Potassium chloride	S	S	S	S	S	S			S	S	S	S
Potassium hydroxide -1%	S	S	S	S	S	S			S	S	S	S
Potassium hydroxide -30%	S	S	S	S	S	S			M	U	S	G
Potassium hydroxide	S	S	S	S	S	S			U	U	G	G
Potassium permanganate	S	S	S	S	S	G			S	S	S	G
Propane - Gas	U	U	S	S	U	U			M	U	U	U
Propionic acid	M	U	S	M	S	G			U	U	G	U
Propylene glycol	S	S	S	S	S	S			G	M	S	S
Propylene oxide	S	G	S	S	S	G			G	M	U	U
Pyridine	U	U	U	U	S	S			U	U	U	U
Resorcin -5%	S	S	S	S	S	S			G	M	G	M
Resorcinol - Saturated	S	S	S	S	S	S			G	M	G	M
Salicylic aldehyde	S	G	S	S	S	G			G	M	U	U

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C												
Salicylaldehyde - Powder	S	S	S	S	S	S			S	G	S	S
Salicylaldehyde - Saturated	S	S	S	S	S	S			S	G	S	G
sec-butanol	S	S	S	S	S	S			S	G	G	G
Silicone oil	S	G	S	S	S	S	U	U	S	S	S	G
Silver acetate	S	S	S	S	S	S			S	G	G	G
Silver nitrate	S	G	S	S	S	S			S	S	S	S
Aviation hydraulic oil	G	M	S	G	S	G			U	U	U	U
Hydraulic fluid sodium acetate	S	S	S	S	S	S			S	G	S	S
Sodium carbonate	S	S	S	S	S	S	G		G	M	S	G
Sodium dichromate	S	S	S	S	S	S			S	S	S	S
Sodium hydroxide -1%	S	S	M	M	S	S	G		M	U	S	S
Sodium hydroxide -10%	S	S	S	S	S	S	G		U	U	S	S
Sodium hydroxide -50%	G	G	S	S	S	S	U	U	U	U	S	S
Sodium hydroxide	G	G	S	S	S	S	U	U	U	U	S	G
Sodium hypochlorite -15%	S	M	S	G	M	U	G		G	M	E	G
Stearic acid	S	S	G	G	S	S			S	G	S	G
Sulfur dioxide - Dry gas	S	S	S	S	S	S			S	G	M	U
Sulfur dioxide - Liquid	U	U	M	U	S	S			G	U	U	U
Sulfur dioxide - moisture	S	S	S	S	S	S			S	G	M	U
Sulfur dioxide	U	U	M	U	S	S			G	U	U	U
Sulfur salts	M	U	G	M	M	U			M	U	U	U
Sulfuric acid -6%	S	S	S	S	S	S	S		S	S	S	S
Sulfuric acid -20%	S	S	S	S	S	S	S		S	G	S	S
Sulfuric acid -30%	S	S	S	S	S	S	G		G	M	S	S
Sulfuric acid -60%	S	G	S	G	G	M			G	M	S	G
Sulfuric acid -96%	G	G	M	U	M	U			U	U	M	M
Sulfuric acid -98%	G	G	M	U	M	U			U	U	M	M
Sulfuric acid	G	G	M	U	U	U			U	U	U	U
Tartaric acid	S	S	S	S	S	S			S	G	S	G
TCA	M	U	M	U	G	M			M	U	M	U
Tertiary butanol	S	G	S	S	S	G			G	M	G	G
tetrahydrofuran	M	U	M	U	G	M			U	U	U	U
THF	M	U	M	U	G	M			U	U	U	U
Thionyl chloride	U	U	U	U	U	U			U	U	U	U
Iodine tincture	S	G	G	M	S	S			G	U	G	M
Toluene	M	U	U	U	U	U	U	U	U	U	U	U

Bioland™ : Commonly used resin chemical resistance table

Chemical name	LDPE		HDPE		PP		PET		PC		PS	
	20	50	20	50	20	50	20	50	20	50	20	50
Temperature for use°C	20	50	20	50	20	50	20	50	20	50	20	50
Buffer -pH11	S	G	S	G	S	G	M	U	M	U	G	U
Buffer -pH7.0	S	G	S	G	S	G	G	G	G	M	G	U
Trisodium phosphate	S	S	S	S	S	S			G	U	S	S
Turpentine	M	U	M	U	M	U	G		M	U	U	U
undecanol	S	M	S	G	S	G			G	M	G	G
Urea	S	S	S	S	S	S			G	M	S	G
Vinylidene chloride	U	U	M	U	U	U			U	U	U	U
xylene	U	U	M	U	U	U			U	U	U	U
Zinc chloride -10%	S	S	S	S	S	S			S	S	S	S
Zinc stearate	S	S	S	S	S	S			S	S	S	S
Zinc sulfate -10%	S	S	S	S	S	S			S	S	S	S
Tributyl citrate	G	M	S	G	G	M			U	U	U	U
Trichloroacetic acid	M	U	M	U	G	M			M	U	M	U
Trichloroethane	U	U	U	U	U	U			U	U	U	U
Trichloroethylene	U	U	U	U	U	U			U	U	U	U
Triethylene glycol	S	S	S	S	S	S			S	G	S	G
Tripropylene glycol	S	S	S	S	S	S			S	G	S	S

S ----- Meet: Continuous exposure for more than 30 days without damage

G ----- Generally satisfied: Sustained exposure for more than 30 days with no or minimal damage

M ----- not quite satisfied: Sustained contact for more than 7 days with some damage

U ----- Not satisfied: Damage may occur immediately. Do not continue to use.

Note: Due to different use conditions and processes, the actual use effect shall prevail.