

Microbiology: Miscellaneous Supplies

BioSart* 100 Monitors are designed for microbiological testing of pharmaceuticals, cosmetics, water and other liquids.

BioSart 100 is an easy to handle, 100mL disposable monitor with a 47mm diameter membrane and pad. It is a ready to use filter unit designed to be placed onto the base of a vacuum manifold.

- Ensures recovery as each lot is certified for microbiological analysis to provide added assurance
- Disposable units save time by eliminating cleaning and sterilization required with reusable systems
- Ready to use and pre-sterilized by gamma irradiation eliminating the potential for toxic extractables associated with EtO gas sterilization
- Easy and accurate sample measurements with a capacity of 100mL and increments of 10mL graduations

Biosart 100 Monitors - Packaged In One Tray - Sterile

Pore Size	Mb color/Grid Color	Catalog #	Quantity
0.45µm HighFlow	White/Black	M16401-47-H6-V-K	48
0.45µm	White/Black	M16401-47-06-V-K	48
0.45µm	Gray*/Black	M16403-47-04-V-K	48
0.8µm	Gray*/Black	M16403-47-06-V-K	48

*Black when wet

Biosart 100 Monitors - Individually Packaged - Sterile

Pore Size	Mb color/Grid Color	Catalog #	Quantity
0.2µm	White/Black	M16401-47-07-ACK	48
0.45µm	White/Black	M16401-47-06-ACK	48

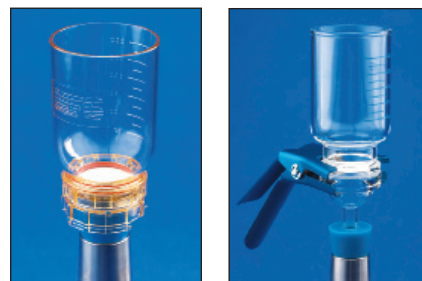


Convenient Filter Holders accommodate 47 mm. membrane filters.

300mL polysulfone model is autoclavable and unbreakable and features a recessed filter support to prevent the filter from twisting or tearing when secured.

300mL traditional glass filter holder has sintered glass support and a graduated funnel. Top and bottom sections are clamped together with anodized aluminum clamp.

Description	Catalog #
Polysulfone Filter Holder with 300mL Funnel and Base	D0047P
Glass Filter Holder with Frit, 300mL Funnel Clamp and Base	D0047G



Manifolds are used for testing multiple samples by vacuum filtration.

The Filter Holder Manifold will accommodate all vacuum filtering devices that will accept a No. 8 stopper. Lightweight manifolds are designed to maximize use of lab space. Each branch has a 2-way control valve to control vacuum for each individual filter holder. PVC manifolds are resistant to acids.

Description	Catalog #
3-place PVC Manifold, 17.75" wide	M3023P
6-place PVC Manifold, 34.5" wide	M3026P



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Microbiology: Coliform Analysis



Each convenient, disposable Coliform Collection Vial contains a tablet of Sodium Thiosulfate to neutralize 10mg of residual Chlorine.

Sterile vials for coliform testing contain a tablet of sodium thiosulfate for the dechlorination of samples. Each sodium thiosulfate tablet neutralizes 10 mg. of chlorine. Vials are sterile by process and come with certification.

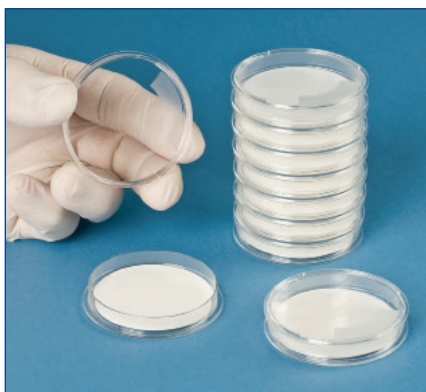
Screw-cap ultra clear Polystyrene Coliform Collection Vials are UV transparent.

Description	Catalog#	Quantity/pk
A. 120mL Screw-cap Polystyrene Ultra Clear Vials (100mL fill line)	D3300	100
B. 150mL Screw-cap Ultra Clear Vials (100mL and 125mL fill lines) features a paper tab seal	D3400	114



Snap-cap Collection Vials are made from polypropylene and have a locking lid and tamper evident seal. Each vial has a 100mL fill line and a 125mL total volume. Vials are sterile by process and come with certification.

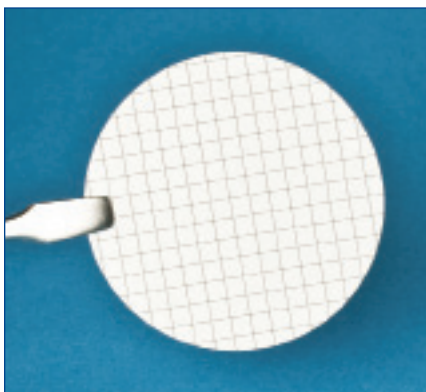
Description	Catalog#	Quantity/pk
C. Snap-cap Polypropylene Vials (100mL fill line)	D3200	200



Snug-fit 50 mm. Petri Dishes with cellulose pads prevent drying during incubation.

Dishes have squared edges and raised ridges for ease of handling and secure stacking. Dishes are gamma sterilized and manufacturer's compliance is available upon request. Dishes come loaded with absorbent cellulose pads.

Description	Catalog #	Quantity/pk
50x11mm Sterile Dish with Pad	800101	100



Gridded Membrane Filters for Coliform Testing are individually sealed in sterile packs.

Single, sterile packs of gridded 0.45µm mixed ester filters are the popular choice for coliform analysis. Our filters are challenged with Coliform, Fecal Streptococci and Serratia marcescens for pore size and integrity. Each grid measures 3.1mm and represents 1% of the total filtration area. Grid lines are tested to ensure no growth inhibition. Single, sterile packaging provides convenience to the analyst. Lot certification is available upon request.

Description	Catalog #	Quantity/pk
0.45µm, 47mm Gridded MCE Individually Sealed Filters	A045H047A	100
	A045H047W	1,000

Use our 50mm petri dishes with our 47mm 0.45µm gridded filters. Each gridded filter is individually sealed in a sterile pack.



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Microbiology: Miscellaneous Supplies

Save time and money with Sterile Water and Buffers, Prefilled Buffer Dilution Vials and Ampuled Media.

Buffers and water are sterile packaged in 4 liter-and 10-liter sizes in convenient PVC bags.

Bags can be hung for ease of use and are complete with dispensing tips. Buffers are stable for six months and do not require refrigeration.

Standard Methods requires that reagent water used for microbiological testing be analyzed on a monthly basis for TOC, residual chlorine, ammonia, nitrogen and bacteriological background. In addition heavy metal background must be tested once per year. A certificate of analysis is provided with all our buffers showing compliance and actual results of this requirement.

Description	Volume	Catalog #
Butterfield's Buffer	10-liter	MEB10LBB
Buffered Peptone	10-liter	MEB10LBPW
Phos Buffer WW	10-liter	MEB10LPWW
Sterile Water	10-liter	MEB10LSW
Butterfield's Buffer	4-liter	MEB4LBB
Buffered Peptone	4-liter	MEB4LBPW
Phos Buffer WW	4-liter	MEB4LPWW
Sterile Water	4-liter	MEB4LSW

Premeasured Buffer Dilution Vials for Coliform Testing have a flip-top design for easy handling.

Dilution vials from Environmental Express save time and money. Our clear polypropylene dilution vials are available for use in the most common types of microbiological analysis. The wide (45 mm.) opening and flip-top design allow for easy, one-handed operation. All products are gamma irradiated for sterility and are formulated to meet the requirements of *Standard Methods for the Examination of Water and Wastewater*.

Description	Volume	Catalog #	Quantity
Phosphate Buffer with MgCl ₂	99mL	MEB099P	50
Phosphate Buffer with MgCl ₂	90mL	MEB090P	50
Butterfield's Buffer	99mL	MEB099U	50
Butterfield's Buffer	90mL	MEB090U	50
Buffered Peptone Water	99mL	MEB099B	50
Buffered Peptone Water	90mL	MEB090B	50

Convenient 2mL ampules of mFc, mEndo broth and Coliform are available for Coliform Testing by Membrane Filter.

Popular 2mL ampules of mFc, mEndo broth and coliform are available from Environmental Express. Plastic ampules with push-on caps are safe and user friendly – no glass, scissors or tools necessary. Ampules are packaged ten per sealed Mylar® pack and five packs per box. Ampules have a shelf life of one year. Ampules require refrigeration.

Description	Volume	Catalog #	Quantity
mFc w/o Rosolic Acid	2mL	MA-101	50
mFc with Rosolic Acid	2mL	MA-100	50
mEndo Broth	2mL	MA-200	50



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Microbiology: Coliform Analysis

Safe Sampling begins with Whirl-Pak® Sample Bags

Whirl-Pak® bags are manufactured under a quality management system certified to ISO9001. All bags feature puncture proof tabs making them easier and safer to use than any other laboratory sample bags. Tabs provide a leak-proof closure. By whirling or tightly folding the tab over three times the Whirl-Pak bag becomes a leak-proof container, eliminating loss of sample and preventing sample contamination.

Whirl-Pak Standard Collection Bags

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Standard Bags	4 oz./118mL	3" w x 7.25" l	12.25 mils	D3404	500
Standard Bags	18 oz./532mL	4.5" w x 9" l	2.5 mils	D3418	500

Whirl-Pak® Standard Collection Bags, Write On

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Standard Bags, Write On	4 oz./118mL	3" w x 7.25" l	2.25 mils	D3504	500
Standard Bags, Write On	18 oz./532mL	4.5" w x 9" l	2.5 mils	D3518	500

Whirl-Pak® Stand-Up Collection Bags, Write On

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Stand-Up Bags	4 oz./118mL	3" w x 7.25" l	2.5 mils	D3604	500
Stand-Up Bags	18 oz./532mL	4.5" w x 9" l	3.0 mils	D3618	500
Stand-Up Bags	24 oz./710mL	6" w x 9" l	3.0 mils	D3624	500

Whirl-Pak® Special Use Bags:

Whirl-Pak® Collection Bags with Sodium Thiosulfate

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Bags w/Thio	100mL	3" w x 7.25" l	2.25 mils	D34100T	100
Bags w/Thio	300mL	4.5" w x 9" l	2.5 mils	D34300T	100

Whirl-Pak® Collection Bag with 30mg Sodium Thiosulfate

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Bags w/30 mg Thio	100mL	3" w x 7.25" l	2.25 mils	D34100N	100

Whirl-Pak® Stand-Up Collection Bags with Sodium Thiosulfate

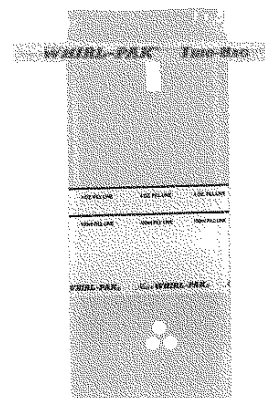
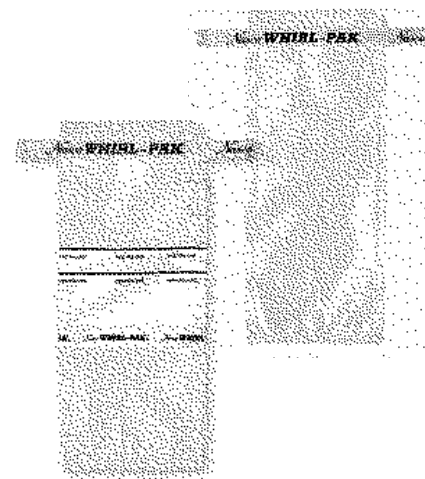
Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Stand-Up Bags w/Thio	100mL	3" w x 7.25" l	2.25 mils	D36100T	100
Stand-Up Bags w/Thio	300mL	4.5" w x 9" l	2.5 mils	D36300T	100

Whirl-Pak® Coli-Test Collection Bag

Description	Volume	Dimensions	Thickness	Catalog #	Quantity
Stand-Up Bags for color-changing reagents	100mL	3" w x 7.25" l	2.5 mils	D36100C	100

Sample bags are available in a variety of styles and sizes including:

- Standard Collection
- Standard Collection, Write on
- Standard Collection, Stand-up
- Special Use Bags with Sodium Thiosulfate
- Coliform Collection bags and more!



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