MilliporeSigma

For reliable sterility testing

TRUST THE PIONEERS

Complete sterility testing solutions
for complete confidence.

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

Millipore®

Preparation, Separation, Filtration & Monitoring Products

Sterility testing is an essential part of validation for products manufactured according to GMP purporting to be sterile.

Configure your Steritest® system to fit your sample, packaging, and controlled testing environment needs. Our large variety of devices and pumps, along with sterile culture media and rinsing fluids can help you to stay compliant, whether you use membrane filtration or direct inoculation methods.

Workflow

History

Story of the Steritest® system invention

Steritest® NEO Filtration Device

Culture Media & Rinsing Fluids

Peristaltic Steritest® Symbio Pump

Smart Accessories

Services & Training

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation | Filter Pre-wetting | Sample Filtration | Device Rinsing | Media Transfer | Reading

Place Steritest® NEO device tubing in pump head* and push button to automatically close the pump head cover.

* New placement mark on the tubing for precise pump head positioning

Request information

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation → Filter Pre-wetting → Sample Filtration → Device Rinsing → Media Transfer → Reading

Pre-wet the Steritest® NEO device to optimize filtration, conditioning the membrane.

Request information

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation → Filter Pre-wetting → Sample Filtration → Device Rinsing → Media Transfer → Reading

An equal amount of the product will be filtered into each canister through the sterile Steritest® NEO tubing.

Request information

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation → Filter Pre-wetting → Sample Filtration → Device Rinsing → Media Transfer → Reading

Rinse product from both canisters.

Request information

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation → Filter Pre-wetting → Sample Filtration → Device Rinsing → Media Transfer → Reading

Pump media into each canister separately, using clamps to divert media to a single canister.

Request information

Workflow

EASY WORKFLOW
In a 6-step procedure

Test Preparation → Filter Pre-wetting → Sample Filtration → Device Rinsing → Media Transfer → Reading

Incubate and examine the Steritest® NEO canisters for growth in accordance with the appropriate pharmacopoeias.

Request information

History

Sterility Testing
OUR PIONEERING HISTORY

1975
First Steritest® unit

1985
New sealing technique & MCE membrane

1986
PVDF Membrane

1988
Steritest® Compact Pump

1994
Steritest® device for oily samples

1994
Steritest® Integral Pump

2004
Steritest® Equinox Pumps

2018 & 2019
Steritest® NEO Device

2016
Complete range of Steritest® accessories

2014
Steritest® Symbio Pumps

2012
Double packed media

2012
More choice of media & fluids

2010
New media & fluid bottles

2005
Steritest® EZ Devices

Request information

History

1975

The first Steritest® device is launched by Millipore Corporation

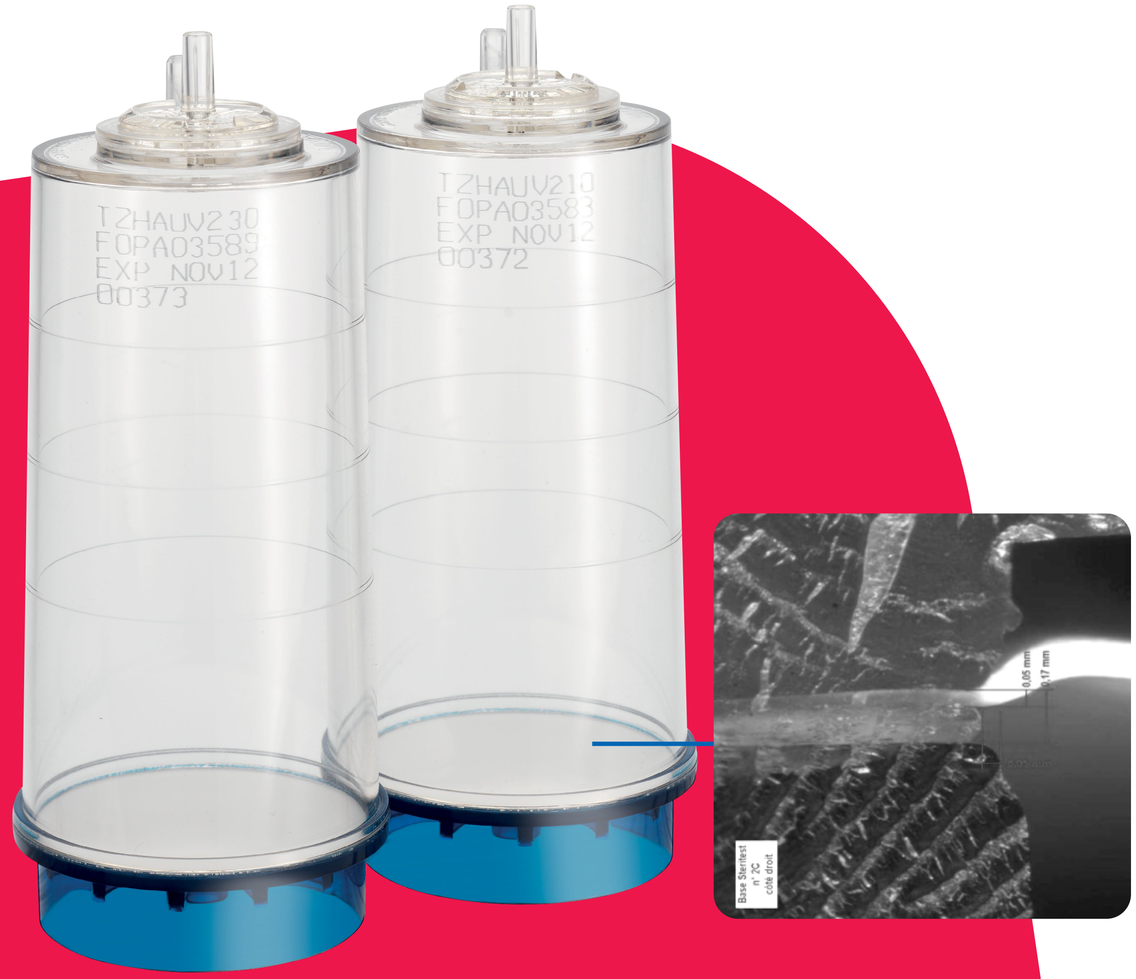
- A closed filtration device prevents external contamination (false positive results).
- The cellulose filter membrane with hydrophobic edge is pinched between canister top and base.
- The needle allows to sample the product out of the sterile vial the same way as the nurse or doctor would take the product out with a syringe.

Request information

History

1985

The Steritest® device with welded canister and MCE membrane (Blue base)



Sealing Technique:

- Membrane heat sealing on base
- Ultrasonic welding of top on base

Avoids:

- Capillary diffusion of inhibitory products on the edges
- Usage of hydrophobic edge

Request information

History

1986

The Steritest® device with PVDF membrane (Red base)

- The PVDF (Polyvinylidene fluoride) filter has low binding properties.
- The red base device is recommended to test products containing antibiotics or preservatives.
- Optimized filter support improves membrane rinsing.
- The ultrasonic welding prevents antibiotic diffusion on the membrane edge.

Request information

History

1988

The Steritest® Compact pump

The flat design improves ergonomics in laminar flow hoods.

Request information

History

1994

The Steritest® Integral pump

The pump is integrated inside the isolator table, is compatible with decontamination gases – vaporized hydrogen peroxide (VHP), and peracetic acid.

Request information

History

1994

The Steritest® device for oily samples (Green base)

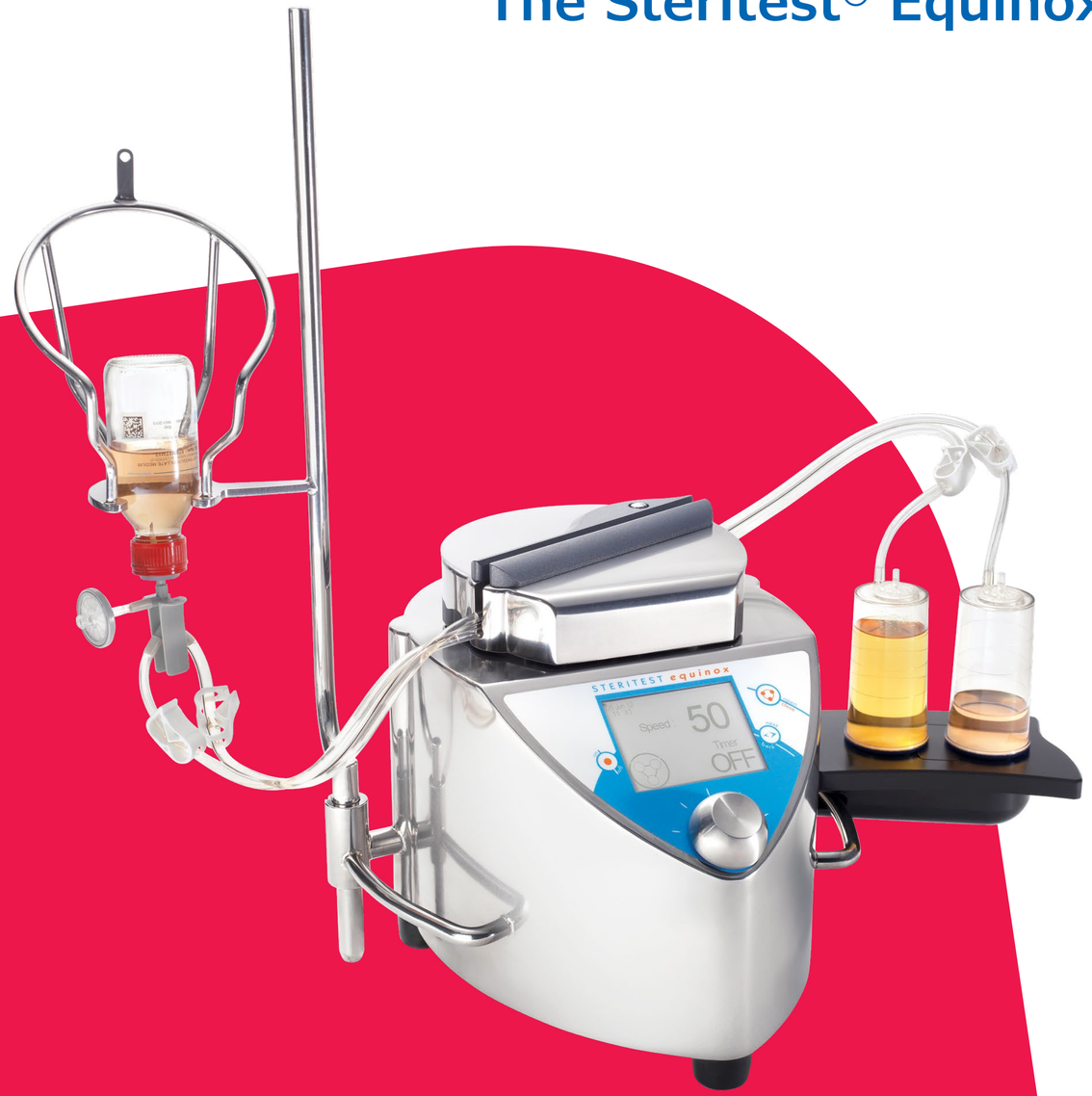
- The canister material (grilamid) is compatible with a wide range of solvents, especially IPM (Isopropyl myristate) used to dilute creams, ointments, and veterinary vaccines.
- The tubing is inserted inside the canister chimney for highest resistance to pressure created by viscous products.

Request information

History

2004

The Steritest® Equinox pumps



- The automatic pump head closing improves operator safety.
- The pressure sensors alert the operator if pressure increases inside the canisters.
- The “Automatic Mode” displays the test methods on the screen.

Request information

History

2005

The Steritest® EZ devices

- Pre-assembled clamps
- Longer tubing
- Black line on tubing to differentiate canisters
- Lot number and expiry date etched on each canister
- Improved needle adapters
- Winged red and yellow plugs for easier handling

Request information

History

2010

New culture media and rinsing fluids bottles

- A large and rimless septum allows easy piercing and prevents decontamination agents entering while piercing.
- No risk of false positives and false negative results.

Request information

History

2010

The double-packed culture media and rinsing fluids

- Double Tyvek® bag and bottle surface sterilized by ethylene oxide, including septum and protective cap.
- 2-step unpacking prevents false positives and false negatives caused by improper decontamination procedures.

Request information

History

2012

More choice of culture media and rinsing fluids

- New lid types
- Wide range of bottle sizes (from 9 mL tube to 1 L bottles)
- Customization possibilities

Request information

2014

The Steritest® Symbio pumps

- Sterility testing becomes easier than ever.

History

2016

Complete range of Steritest® accessories

Streamline your workflow and increase safety with smart accessories.

Sample Handling

SYMBSVB01
Steritest® Holder for Steridilutor® NEO Vent Chamber

SYMBABR01
Steritest® Glass Ampoule Breaker

Filtration

SYMBSVB01
Steritest® Holder for Sterile Bags

SYMBSYS01
Steritest® Syringe Support

Waste Management

SYMBWFS01
Steritest® Waste Overfilling Sensor for Solid Containers

Transport and Incubation

SYMBCAN08
Steritest® Canister carrying trays and **SYMBRACK2** Steritest® Rack

Request information

History

2018 & 2019

The Steritest® NEO devices

Let us introduce the fourth generation of Steritest® devices. Created to improve your workflow safety, reliability and convenience.

EVOLUTION OF SAFETY

EVOLUTION OF CONVENIENCE

EVOLUTION OF RELIABILITY

Request information

Our Steritest® NEO devices simplify every aspect of testing, from handling to traceability, all within a closed system. The ease and convenience of this closed assembly enables you to increase productivity while maintaining the highest levels of quality and reliability. When used with the Steritest® Symbio pump, specific accessories and high quality culture media and rinsing fluids, the Steritest® sterility test system offers an optimized and fully regulatory compliant testing process (USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>).

TRUST THE PIONEERS

Since 1974, we have been the market leader in sterility testing. Our Steritest® NEO devices set a new standard for excellence, while maintaining all the advantages of our thermo-sealed filtration membrane assembly.

Benefits

- Filtration membranes are thermo sealed onto the base for all of our Steritest® NEO units. This ensures full integrity of the device and efficient membrane rinsing while eliminating the risk of by-pass
- Quality: 100% integrity testing and visual checks on every canister, along with strict physical and microbiological tests at every step
- Ergonomically designed needles fit the majority of test containers while maintaining a closed concept system
- Pre-installed colored clamps prevent any media filling errors and improve your workflow
- Canister design reduces foaming, enabling faster filtration
- Engraved information on each canister and peel-and-stick box label optimize traceability
- Volume graduation on the canisters improve your workflow accuracy (addition of a 25 mL graduation mark)
- Pre-cut line on accessory bag to ease the opening
- Placement mark on tubing to ease the placement in the pump head

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

CLICK TO ENLARGE

Feel flexible:
protective caps for long needles are now in 2 parts

The protective cap in 2 parts gives access to either a short (35 mm) or a long (60 mm) needle designed to fit your sample packaging configuration.
Color-coded protectors help you to differentiate the needle type once covered.

CLICK TO ENLARGE

Feel calm:
a brand new short needle for small sample containers

Experience dexterity with the new 20 mm length needle when piercing cartridges or small soft plastic containers, without compromising the flow rate.

CLICK TO ENLARGE

Feel free:
upgraded accessory bag

Simplified opening of the accessory bag improves your workflow convenience thanks to the pre-cut line.

CLICK TO ENLARGE

Feel comfortable:
new placement mark

Be sure to place the Steritest® NEO tube in the pump head precisely by using the new placement mark.

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel flexible: protective caps for long needles are now in 2 parts giving access to a short or long needle

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel calm: a brand new short needle for small sample containers

Complete Sterility Testing Offer

Request information

Complete Sterility Testing Offer

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel free: easy to open accessory bag

Request information

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel comfortable: new placement mark optimizing the position of the tube in the pump head

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

CLICK TO ENLARGE

Feel confident: colored clamps

Prevent any filling errors and improve your workflow clarity, thanks to the pre-installed colored clamps and the existing blackline for accurate media filling.

CLICK TO ENLARGE

Feel safer: new designed needle guard and needle protector

Grips on the guard and ridges on the protector improve the confidence in needle manipulation.

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel confident: colored clamps

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel safer: newly designed needle guard and needle protector

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

CLICK TO ENLARGE

Feel peaceful: optimized identification and traceability

Clear packaging identification: The selection of the appropriate box of Steritest® NEO devices is facilitated thanks to the new designed label using color coding linked to canister base color and using a needle/application drawing.

CLICK TO ENLARGE

1D bar code associated to critical information and peel-and-stick label to place in a lab notebook for accurate tracking.

CLICK TO ENLARGE

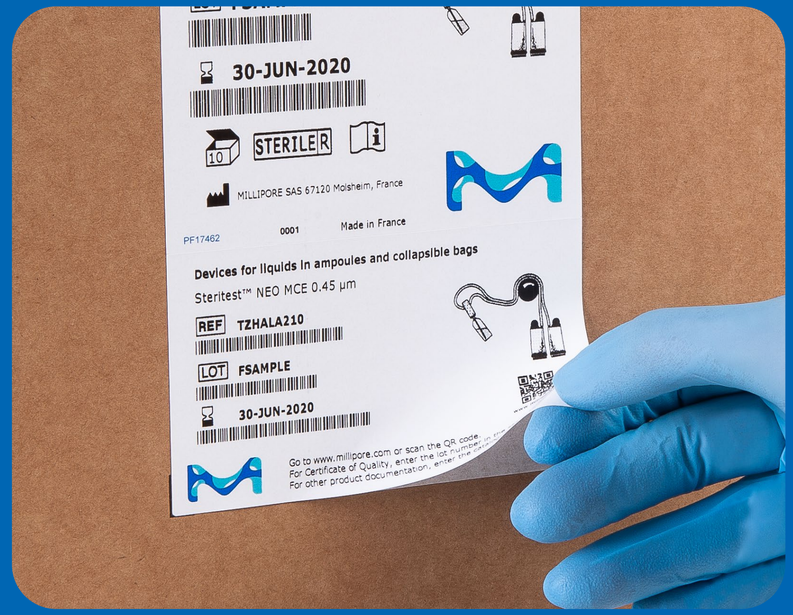
Feel sure: volume graduation on the canisters

Be precise and improve your workflow accuracy through the addition of a 25 mL graduation line and volume engraved in the Steritest® NEO canisters.

New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

Feel peaceful: optimized identification and traceability



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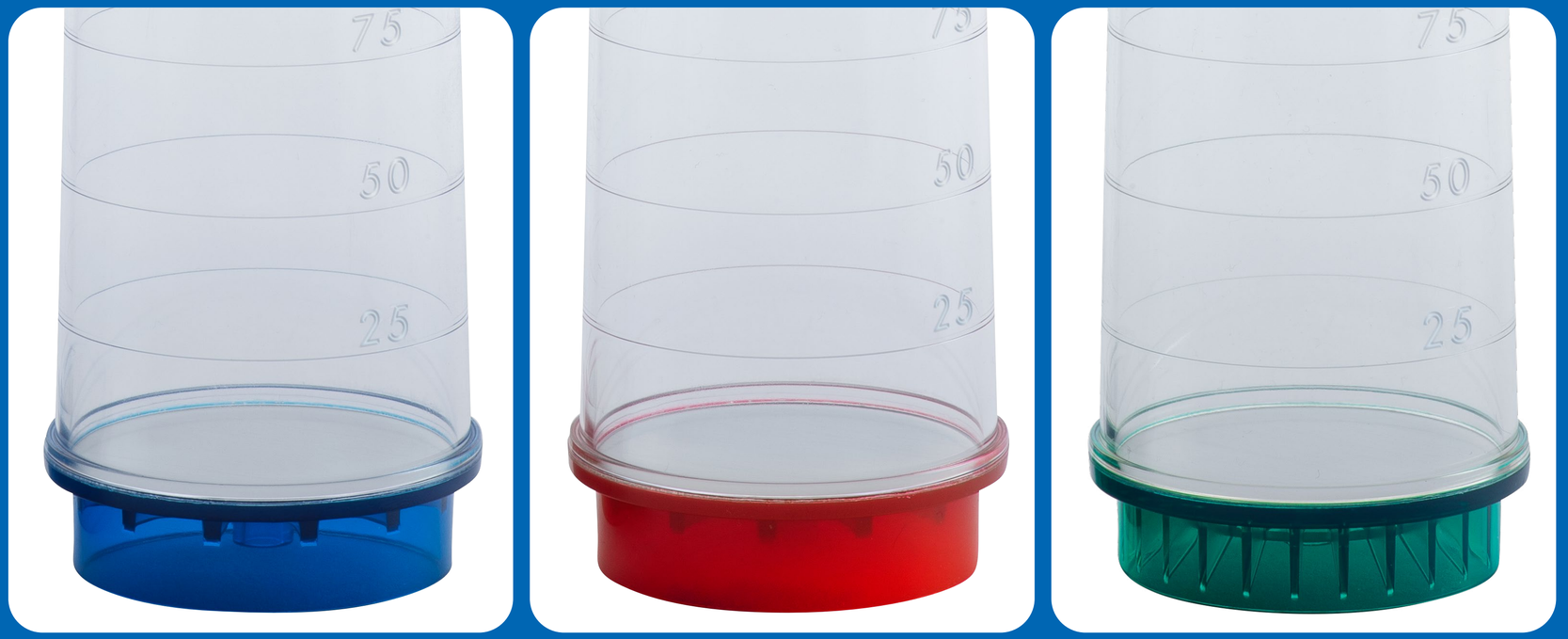
New features of the 4th generation of Steritest® devices

EVOLUTION OF CONVENIENCE | EVOLUTION OF SAFETY | EVOLUTION OF RELIABILITY

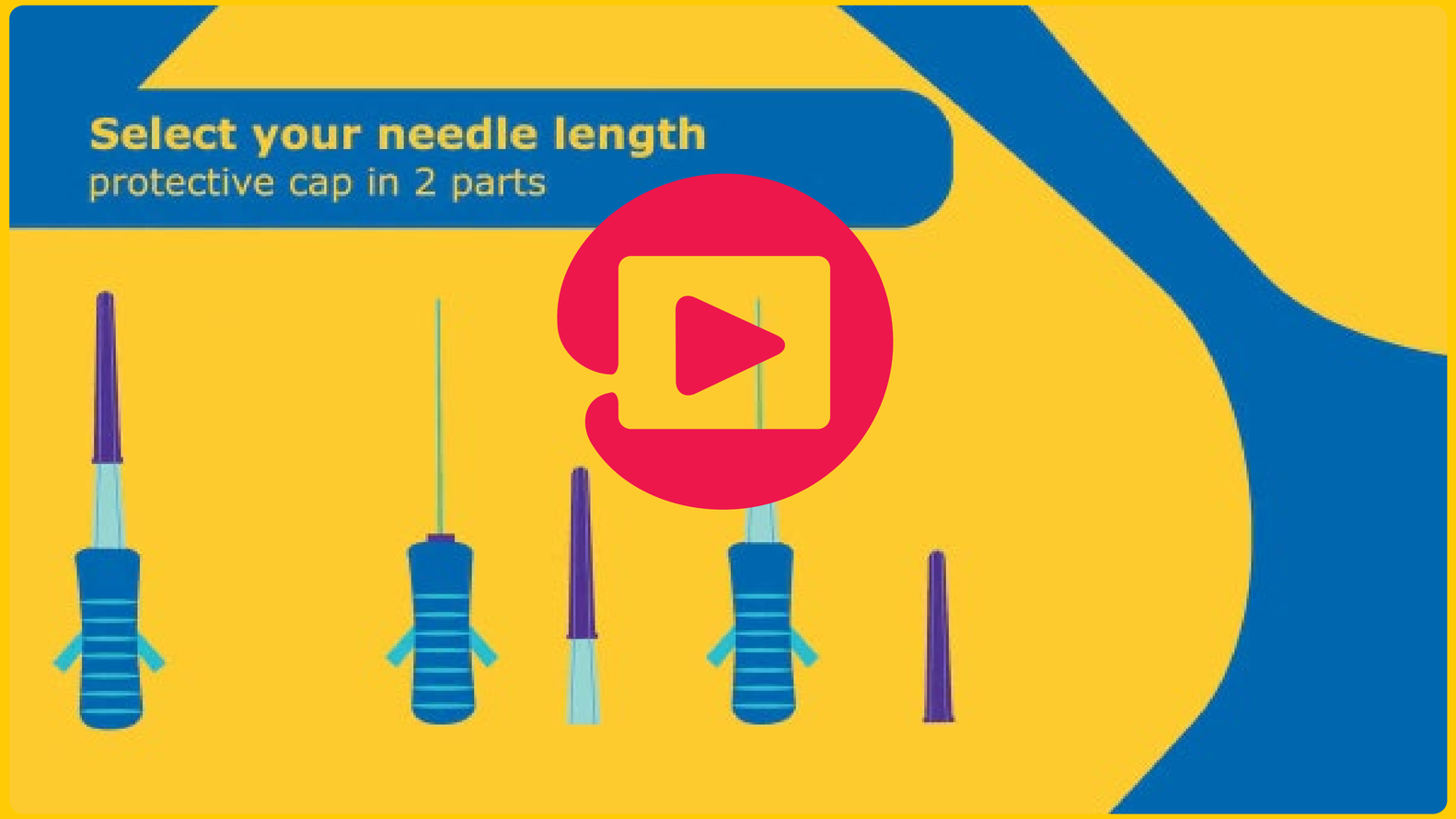
Feel sure: volume graduation on the canisters



Complete Sterility Testing Offer

Video

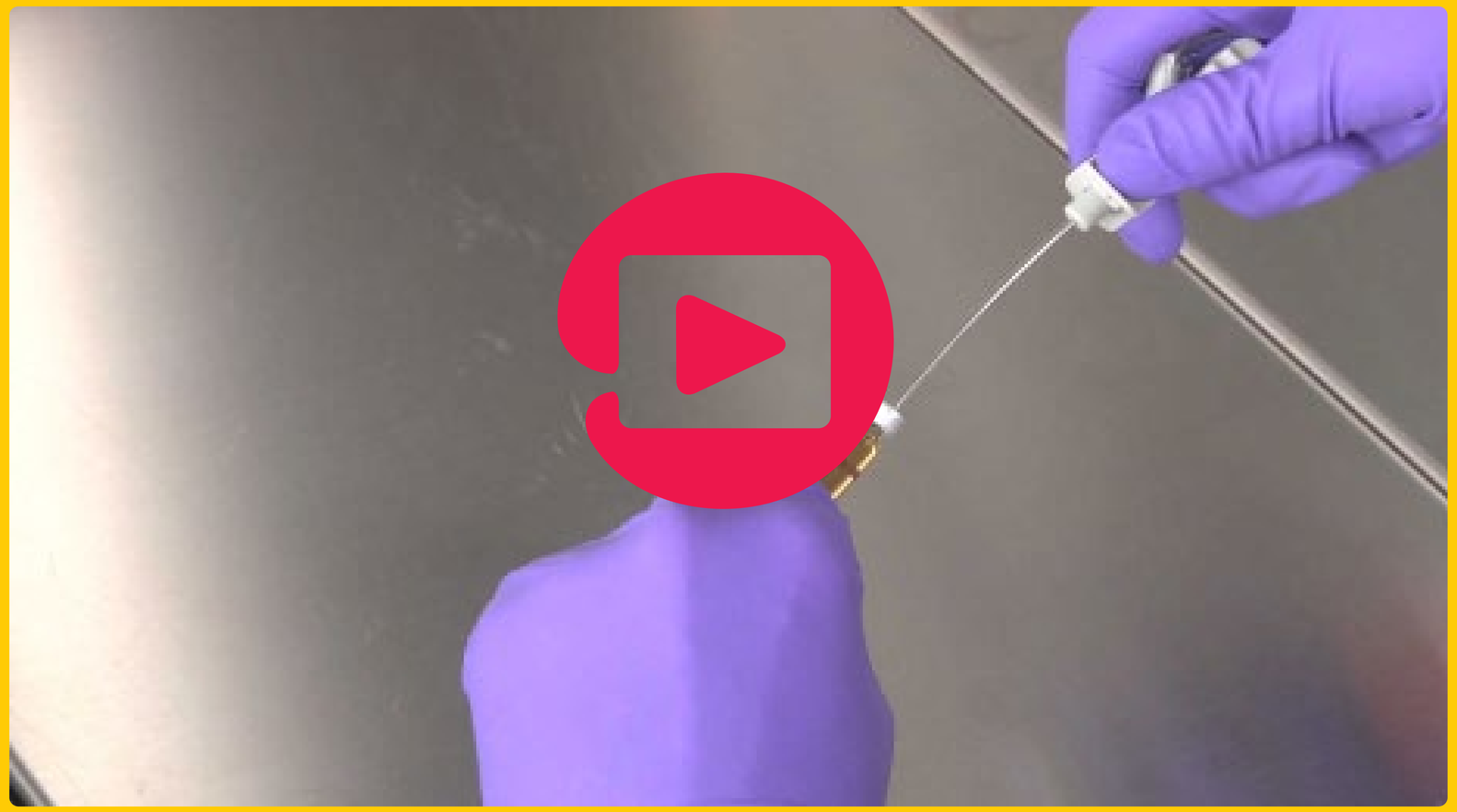
Steritest® NEO devices: new features



Request information

Video

Steritest® NEO devices for cartridges and small soft plastic containers



Specifications

	Steritest® NEO "Blue Base" devices for products WITHOUT antimicrobial agents and medical devices	Steritest® NEO "Red Base" devices for antibiotics, products WITH antimicrobial agents and medical devices	Steritest® NEO "Green Base" devices for products dissolved in solvents requiring increased chemical compatibility
			
Canister Base Color	Blue	Red	Green
Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm	Low adsorption Durapore® membrane (HV), 0.45 µm hydrophilic PVDF	Low adsorption Durapore® membrane (HV), 0.45 µm hydrophilic PVDF
Materials of Construction Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Styrene acrylonitrile PVC, 850 mm length Stainless steel and polyamide 6-6	 Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6	 polyamide 6-6 (nylon) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)	120 mL (graduation marks at 25, 50, 75 and 100 mL)	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)	300 mL/min at 690 mbar (10 psi)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C	45 °C	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)	3.15 bars at 25 °C (45 psi at 77 °F)	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation	Gamma irradiation	Gamma irradiation
Ordering Information	Click here	Click here	Click here

Regulations and Industry benchmark

- Regulations
- Closed Environment
- Consistent Performance
- Certificates of Quality
- Documented Qualification

Complete Sterility Testing Offer

Regulations and Industry benchmark

Regulations | Closed Environment | Consistent Performance | Certificates of Quality | Documented Qualification

Regulations

The membrane filtration sterility test is the regulatory method of choice for filterable pharmaceutical products, as cited in the USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>.

Complete Sterility Testing Offer

Regulations and Industry benchmark

Regulations | **Closed Environment** | Consistent Performance | Certificates of Quality | Documented Qualification

Closed Environment

Using Steritest® NEO devices ensures that pharmaceutical products are never exposed to the environment during the testing process. Sampling, filtering, rinsing, media transfer and incubation are all conducted within the Steritest® NEO closed system.

Minimize false positives: closed Steritest® NEO filtration devices reduce the risk of false positive results avoiding a costly investigation or possible batch loss. There are no open containers or membrane manipulations, decreasing the risk of adventitious contamination.

Reduce false negatives: Steritest® NEO filtration devices are the right answer to the danger that false negative results pose to patients. Through specific membranes, unique sealing technology and optimized device design, the unit allows efficient elimination of bacteriostatic, fungistatic or bactericidal agents.

Complete Sterility Testing Offer

Regulations and Industry benchmark

Regulations | Closed Environment | **Consistent Performance** | Certificates of Quality | Documented Qualification

Consistent Performance

- We rigorously test each device during and after manufacturing.
- 100% integrity testing on every canister
- 100% visual check on every canister
- Strict physical and microbiological tests at every step of the assembly of the Steritest® NEO device prior to release from manufacturing
- Certificate of Quality provided with each system for your batch records
- Easy traceability with catalogue number, lot number, serial number and expiration date engraved on each canister

Regulations and Industry benchmark

Certificates of Quality

Each Steritest® NEO device is subjected to rigorous in-process and release quality checks including 100% membrane and canister integrity tests as well as intense physical and microbiological testing. The detailed Certificates of Quality are available for download from our website.

Regulations and Industry benchmark

Regulations | Closed Environment | Consistent Performance | Certificates of Quality | Documented Qualification

Documented Qualification

We have compiled comprehensive Steritest® Qualification Reports (available upon request) that confirms Steritest® NEO device performance.

Complete Sterility Testing Offer

Steritest® NEO Double-Packed,
Gamma Sterilized Sterility Testing Device

FEATURES

- Gamma sterilized and double packed for quick transfer into sterility testing environments, simplifying decontamination procedures and saving time.
- Sealed bag provides optimum decontamination of the outer bag and easy bag opening.
- Outer packaging materials ensure complete integrity of the bags during transportation, minimizing risk of piercing or damage.
- Primary blister packaging can be hung or stacked within the testing environment, minimizing the test area requirements.

DOUBLE PACKAGING SAVES TIME

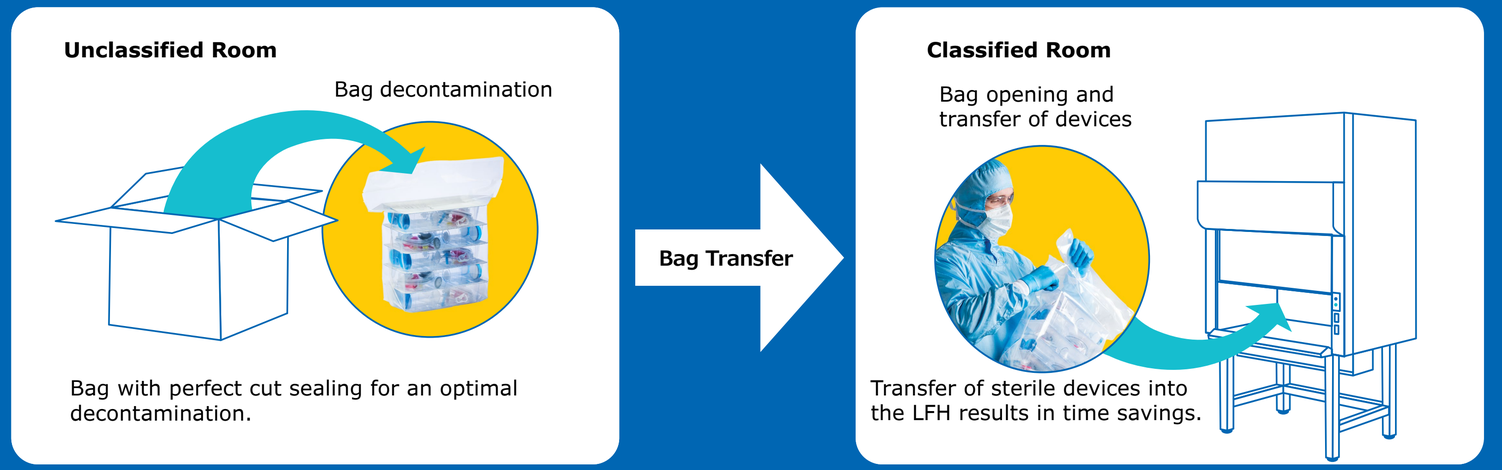
Learn more

Steritest® NEO Double-Packed,
Gamma Sterilized Sterility Testing Device

DOUBLE PACKAGING SAVES TIME

Steritest® NEO devices are packed to ensure optimum cleanliness. The double packaging allows operators to open the outer bag in a clean room and bring the sterile package into a laminar flow hood or isolator environment. A tear primer on the outer bag enables gloved operators to open the outer bag easily, eliminating the use of scissors.
This simplified decontamination procedure saves operator time by reducing cleaning steps.

Transfer of Steritest® NEO Double-packed Devices into a Laminar Flow Hood



Ordering Information

Steritest® NEO “Blue Base” devices
for products WITHOUT antimicrobial agents and medical devices

Perfect for the majority of pharmaceutical drugs that do not have antimicrobial activity, our HA mixed cellulose esters membrane allows fast flow rates for optimum throughput performance.

Ordering Table

Steritest® NEO “Red Base” devices
for antibiotics, products WITH antimicrobial agents and medical devices.

Perfect for antibiotic sample testing, this device incorporates our HV Durapore® (PVDF) membrane, offering broad chemical compatibility and low binding properties.

Ordering Table

Steritest® NEO “Green Base” devices
for products dissolved in solvents requiring increased chemical compatibility

Perfect for viscous products, such as creams and ointments, which are normally diluted in a sterile solvent, such as isopropyl myristate (IPM) to improve filterability.

Ordering Table

Accessories for sample preparation and dilution.

Tubing and needle assembly to dissolve powders, or for the transfer of liquids, or sterile vent needles

Ordering Table

Ordering Information

Steritest® NEO "Blue Base" Devices

for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids in Ampoules	TZHALA210		
Steritest® NEO Devices for Liquids in Ampoules DP	TZHALA205		
Steritest® NEO Devices for Liquids in Collapsible Bags	TZHALA210		
Steritest® NEO Devices for Liquids in Collapsible Bags DP	TZHALA205		
Steritest® NEO Devices for Liquids in Large Vials	TZHALV210		
Steritest® NEO Devices for Liquids in Large Vials DP	TZHALV205		
Steritest® NEO Devices for Liquids in Small Vials	TZHASV210		
Steritest® NEO Devices for Liquids in Small Vials DP	TZHASV205		
Steritest® NEO Devices for Soluble Powders in Vials	TZHADV210		
Steritest® NEO Devices for Soluble Powders in Ampoules	TZHADA210		
Steritest® NEO Devices for Medical Devices and Collapsible Bags	TZHAMD210		
Steritest® NEO Devices for Liquids in Syringes	TZHASY210		
Steritest® NEO Devices for Liquids in Plastic Containers	TZHAPC210		
NEW Steritest® NEO Devices for Liquids in Cartridges	TZHACA210		

DP = Double Packed

Ordering Information

Steritest® NEO "Blue Base" Devices

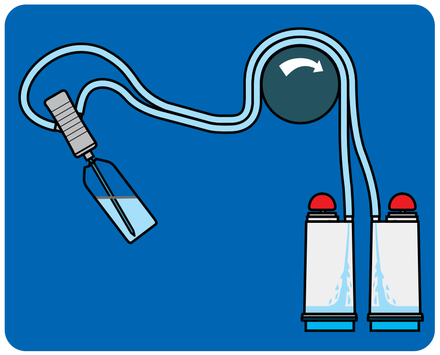
for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Ampoules (TZHALA210)

- Single needle for easy access to ampoules
- Separate vent needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



Order Now

Request a Quote

Request information

Ordering Information

Steritest® NEO "Blue Base" Devices

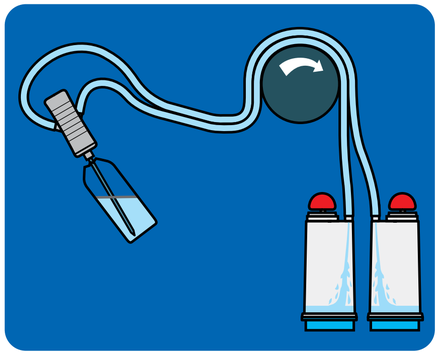
for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Ampoules - Double-Packed (TZHALA205)

- Single needle for easy access to ampoules
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



Order Now

Request a Quote

Request information

Ordering Information

Steritest® NEO "Blue Base" Devices

for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Collapsible Bags (TZHALA210)

- Single needle for easy access to collapsible bags
- Separate vent needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
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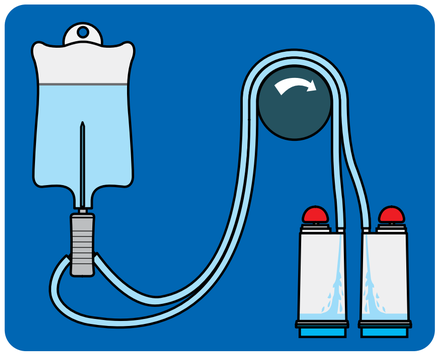
Sterilization	Gamma irradiation



Order Now

Request a Quote

Request information

Ordering Information

Steritest® NEO "Blue Base" Devices

for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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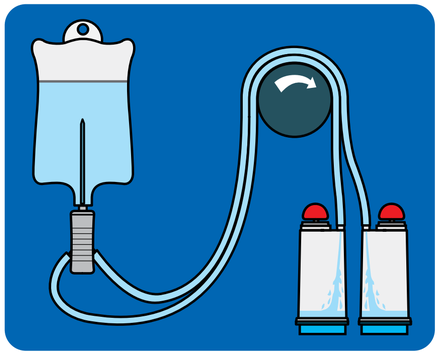
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Collapsible Bags - Double-Packed (TZHALA205)

- Single needle for easy access to collapsible bags
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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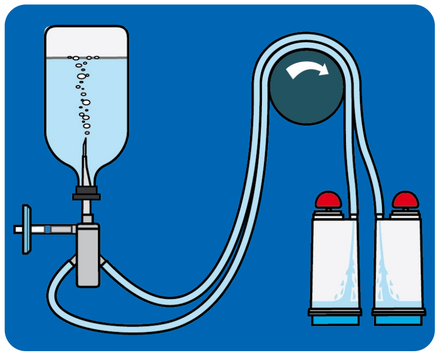
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Large Vials (TZHALV210)

- Vented double needle for large glass containers with septa

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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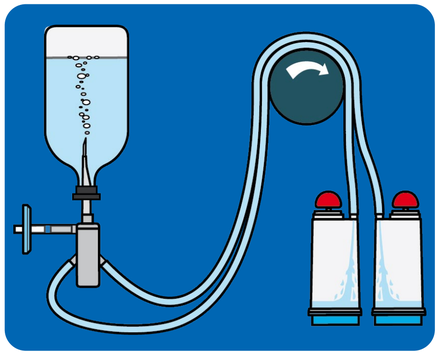
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Large Vials - Double-Packed (TZHALV205)

- Vented double needle for large glass containers with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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for products WITHOUT antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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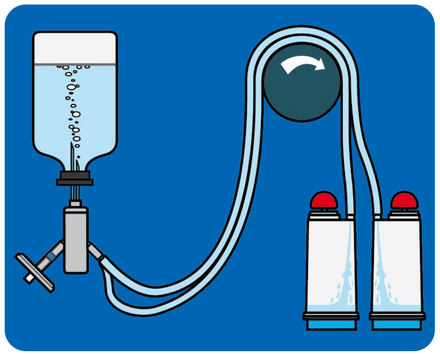
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Small Vials (TZHASV210)

- Vented double needle for small vials with septa

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
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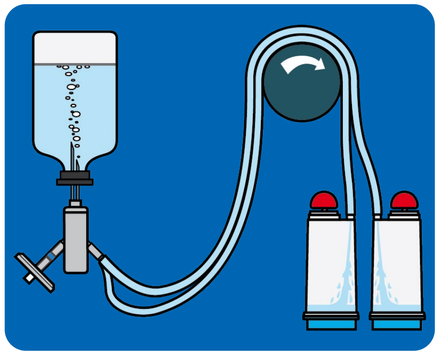
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Small Vials - Double-Packed (TZHASV205)

- Vented double needle for small vials with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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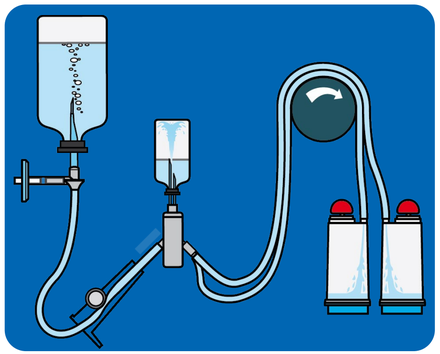
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Soluble Powders in Vials (TZHADV210)

- Double needles for small vials with septa
- Vented double needle
- Simultaneously dissolves/ dilutes the sample in sterile diluent and transfers the resulting solution to canisters

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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Steritest® NEO Devices for Liquids			
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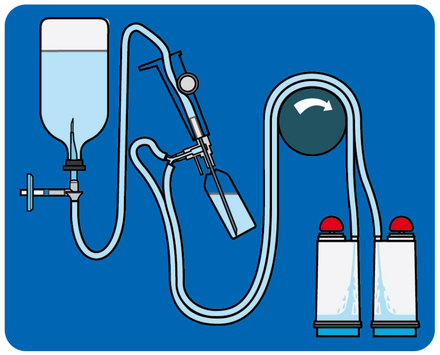
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Soluble Powders in Ampoules (TZHADA210)

- Single needle for transfer into and out of ampoules
- Vented double needle
- Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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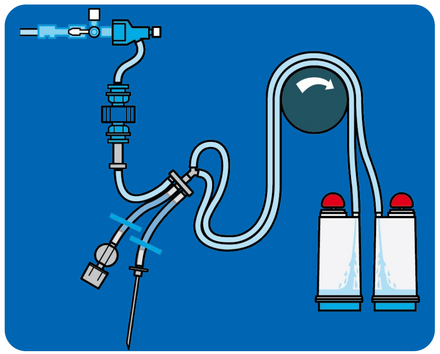
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Medical Devices and Collapsible Bags (TZHAMD210)

- Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices
- Separate vent needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
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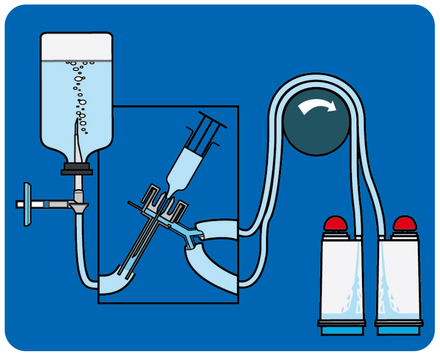
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Syringes (TZHASY210)

- Adapter allows for sequential testing of syringe contents and needle surfaces
- Vented double needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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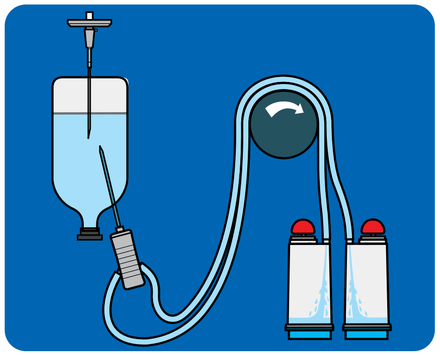
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Plastic Containers (TZHAPC210)

- Non-coring single needle minimizes blockage when piercing plastic containers
- Separate vent needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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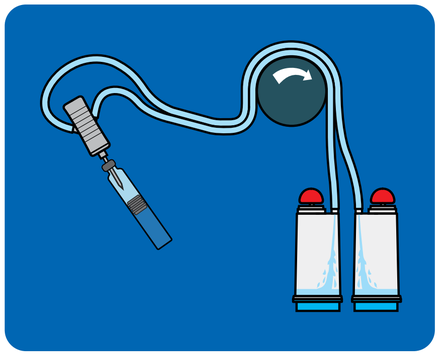
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHACA210)

- Single short (20 mm) needle for easy access to cartridges and small soft plastic containers
- Separate vent needle

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO "Red Base" Devices

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Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids in Ampoules	TZHVAB210		
Steritest® NEO Devices for Liquids in Ampoules DP	TZHVAB205		
Steritest® NEO Devices for Liquids in Collapsible Bags	TZHVAB210		
Steritest® NEO Devices for Liquids in Collapsible Bags DP	TZHVAB205		
Steritest® NEO Devices for Liquids in Large Vials	TZHVLV210		
Steritest® NEO Devices for Liquids in Large Vials DP	TZHVLV205		
Steritest® NEO Devices for Liquids in Small Vials	TZHVSV210		
Steritest® NEO Devices for Liquids in Small Vials DP	TZHVSV205		
Steritest® NEO Devices for Soluble Powders in Vials	TZHVDV210		
Steritest® NEO Devices for Soluble Powders in Vials DP	TZHVDV205		
Steritest® NEO Devices for Medical Devices and Collapsible Bags	TZHVMD210		
Steritest® NEO Devices for Powders and Superpotent Antibiotics	TZHVAB210		
NEW Steritest® NEO Devices for Liquids in Cartridges	TZHVCA210		

DP = Double Packed

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Steritest® NEO Devices for Liquids			
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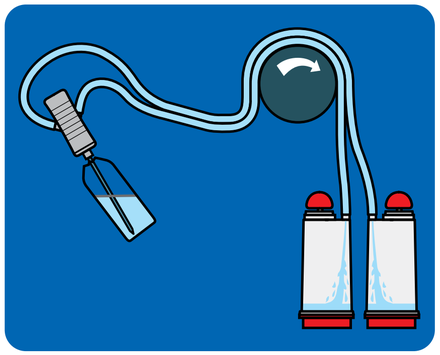
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Ampoules (TZHVAB210)

- Single needle for easy access to ampoules
- Separate vent needle

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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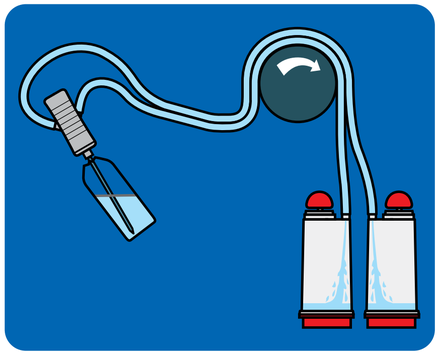
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Ampoules - Double-Packed (TZHVAB205)

- Single needle for easy access to ampoules
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO "Red Base" Devices

for antibiotics, products WITH antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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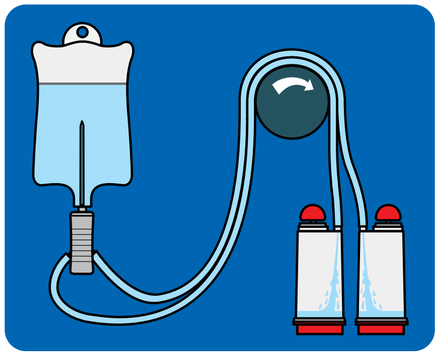
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Collapsible Bags (TZHVAB210)

- Single needle for easy access to collapsible bags
- Separate vent needle

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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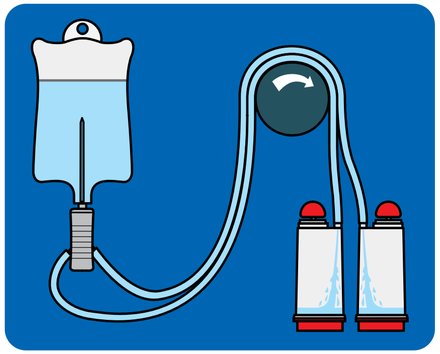
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Collapsible Bags - Double-Packed (TZHVAB205)

- Single needle for easy access to collapsible bags
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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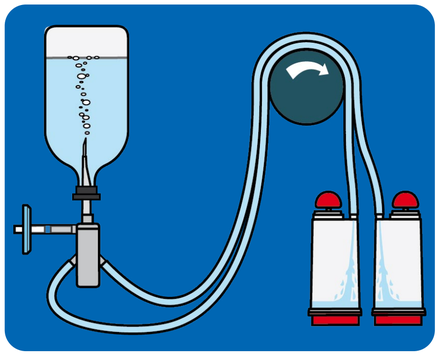
Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Large Vials (TZHVLV210)

- Vented double needle for large glass containers with septa

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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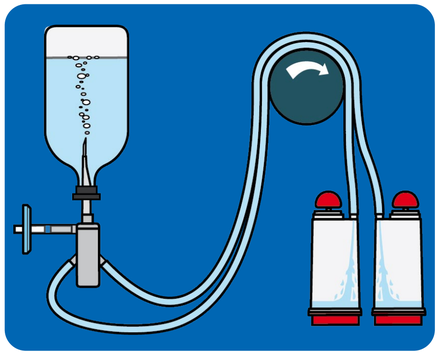
Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Large Vials - Double-Packed (TZHVLV205)

- Vented double needle for large glass containers with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
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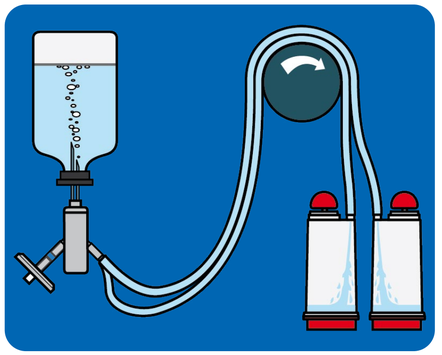
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Small Vials (TZHVSV210)

- Vented double needle for small vials with septa

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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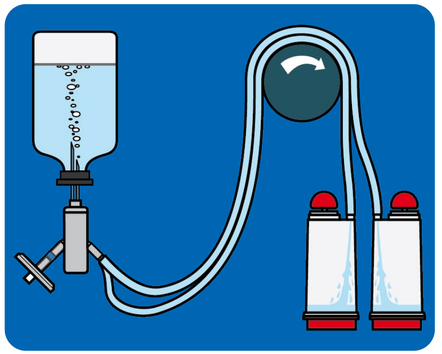
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Small Vials - Double-Packed (TZHVSV205)

- Vented double needle for small vials with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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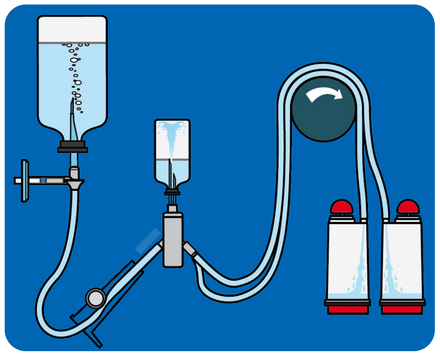
Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Soluble Powders in Vials (TZHVDV210)

- Double needles for small vials with septa
- Vented double needle
- Simultaneously dissolves/ dilutes the sample in sterile diluent and transfers the resulting solution to canisters

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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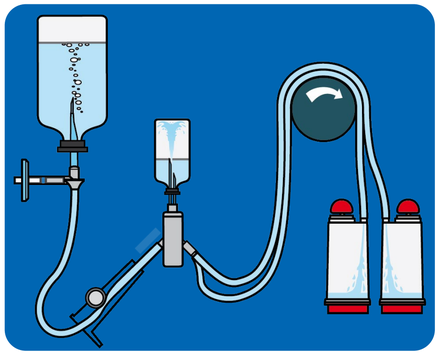
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Soluble Powders in Vials - Double-Packed (TZHVDV205)

- Double needles for small vials with septa / Vented double needle
- Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Outer bag: Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Multilayer 170 µm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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for antibiotics, products WITH antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
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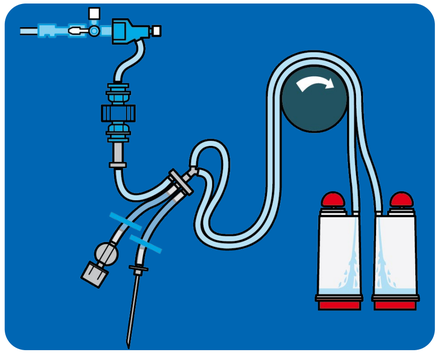
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Medical Devices and Collapsible Bags (TZHVMD210)

- Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices
- Separate vent needle

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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for antibiotics, products WITH antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Powders and Superpotent Antibiotics (TZHVAB210)

- Tubing and needle assembly for antibiotics and products containing antimicrobial activity that require dilution or dissolution
- Aseptically connects the diluent or dissolution fluid to the product container for dilution
- Used for pooling superpotent antibiotics to reduce product membrane contact time when product is then filtered
- Contains vent with expansion chamber for optimized venting
- Diluted product subsequently filtered with Steritest® NEO device (TZHVAB210)

Steritest® NEO Devices	Steridilutor® NEO devices for Sample Preparation and Dilution	Recommended Accessories: Sterile vent needles
TZHVAB210	TZVC00010	TEFG02525

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Steritest® NEO "Red Base" Devices

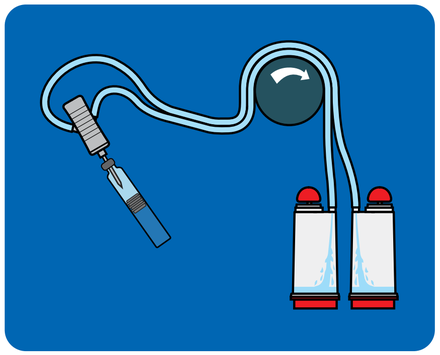
for antibiotics, products WITH antimicrobial agents and medical devices

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Liquids			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Soluble			
Steritest® NEO Devices for Medica			
Steritest® NEO Devices for Powde			
NEW Steritest® NEO Devices for L			

Steritest® NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHVCA210)

- Single short (20 mm) needle for easy access to cartridges and small soft plastic containers
- Separate vent needle

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO “Green Base” Devices + Sterile IPM

for products dissolved in solvents requiring increased chemical compatibility

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Solvents, Creams, Ointments, and Veterinary Injectables	TZHVSL210		
Sterile Irradiated Isopropyl Myristate	1466280006		

Ordering Information

Steritest® NEO "Green Base" Devices + Sterile IPM

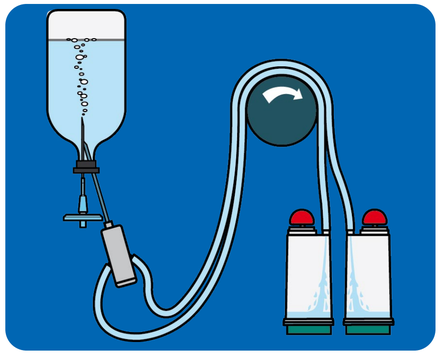
for products dissolved in solvents requiring increased chemical compatibility

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Solvent and Veterinary Injectables			
Sterile Irradiated Isopropyl Myrist			

Steritest® NEO Devices for Solvents, Creams, Ointments, and Veterinary Injectables (TZHVSL210)

- Single needle / Separate vent needle
- Canister designed for testing products dissolved in solvents such as isopropyl myristate / Better resistance to pressure, thanks to canister connections and reinforced base structure

Canister Base Membrane	Low adsorption Durapore® membrane, 0.45 µm hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	 Shell made of PET, Cover made of Tyvek® paper polyamide 6-6 (nylon) PVC, 850 mm length Stainless steel and polyamide 6-6
Sample Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
Maximum Temperature	45 °C
Maximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization	Gamma irradiation



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Steritest® NEO "Green Base" Devices + Sterile IPM

for products dissolved in solvents requiring increased chemical compatibility

Application	Product #	More Information	Add to Cart
Steritest® NEO Devices for Solvent and Veterinary Injectables			
Sterile Irradiated Isopropyl Myrist			

Sterile Irradiated Isopropyl Myristate (1466280006)

- Sterile and ready-to-use
- 360 mL in 500 mL bottle with red flip cap and septum
- 6 bottles per box
- To be used with the Steritest® NEO green base canister TZHVSL210

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Sterility Testing Accessories for Liquid Transfer and Dilution

Application	Product #	More Information	Add to Cart
Steridilutor® NEO Devices without Expansion Chamber for Sample Preparation and Dilution	TZV000010		
Steridilutor® NEO Devices with Expansion Chamber for Sample Preparation and Dilution	TZVC00010		
Steridilutor® NEO Devices for Liquid Transfer	TZA000010		
Steritest® Vent Needles	TEFG02525		

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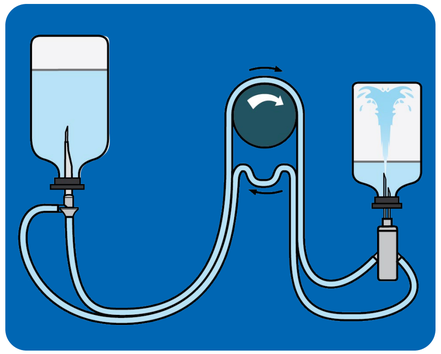
Sterility Testing Accessories for Liquid Transfer and Dilution

Application	Product #	More Information	Add to Cart
Steridilutor® NEO Devices without E for Sample Preparation and Dilutio			
Steridilutor® NEO Devices with Ex for Sample Preparation and Dilutio			
Steridilutor® NEO Devices for Liqu			
Steritest® Vent Needles			

Steridilutor® NEO Devices without Expansion Chamber for Sample Preparation and Dilution (TZV000010)

- Tubing and needle assembly to dissolve powders, for dilution and pool products in vials
- To be used for difficult to dissolve powders, dilution and pooling of viscous products in vials as well as antibiotics (to reduce the contact time with the filtration membrane)
- Small diameter double needle connects test product to diluent
- Diluted product subsequently filtered with suitable Steritest® NEO canisters



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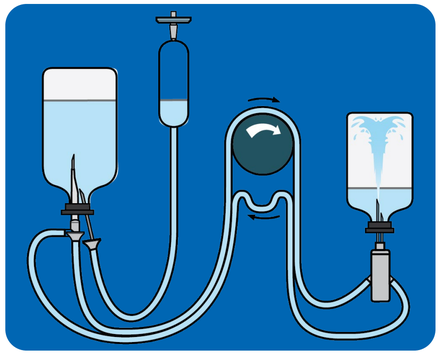
Sterility Testing Accessories for Liquid Transfer and Dilution

Application	Product #	More Information	Add to Cart
Steridilutor® NEO Devices without for Sample Preparation and Dilutio			
Steridilutor® NEO Devices with Ex for Sample Preparation and Dilutio			
Steridilutor® NEO Devices for Liqu			
Steritest® Vent Needles			

Steridilutor® NEO Devices with Expansion Chamber for Sample Preparation and Dilution (TZVC00010)

- Tubing and needle assembly to dissolve powders, for dilution and pool products in vials
- To be used for difficult to dissolve powders, dilution and pooling of viscous products in vials as well as antibiotics (to reduce the contact time with the filtration membrane)
- The expansion chamber vents residual vacuum or pressure from the vials without after-drip or contamination risk
- Small diameter double needle connects test product to diluent
- Diluted product subsequently filtered with suitable Steritest® NEO canisters



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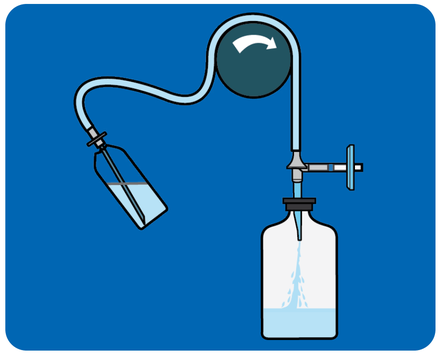
Ordering Information

Sterility Testing Accessories for Liquid Transfer and Dilution

Application	Product #	More Information	Add to Cart
Steridilutor® NEO Devices without for Sample Preparation and Dilutio			
Steridilutor® NEO Devices with Ex for Sample Preparation and Dilutio			
Steridilutor® NEO Devices for Liqu			
Steritest® Vent Needles			

Steridilutor® NEO Devices for Liquid Transfer (TZA000010)

- Tubing and needle assembly for transfer of liquids from ampoules or vials to a diluent vial with septum pooling
- Diluted products subsequently tested with suitable Steritest® NEO canister



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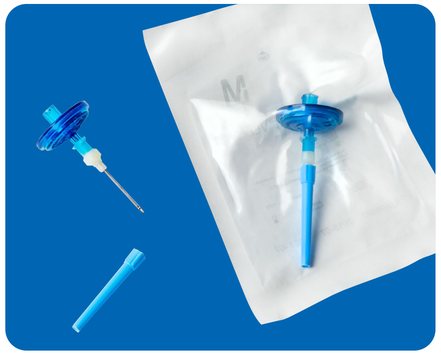
Ordering Information

Sterility Testing Accessories for Liquid Transfer and Dilution

Application	Product #	More Information	Add to Cart
Steridilutor® NEO Devices without for Sample Preparation and Dilutio			
Steridilutor® NEO Devices with Ex for Sample Preparation and Dilutio			
Steridilutor® NEO Devices for Liqu			
Steritest® Vent Needles			

Steritest® Vent Needles (TEFG02525)

- Single needle vented with PTFE 0.22 µm membrane
- For venting glass vials with septa and rigid plastic vials
- For venting of media bottles during the direct inoculation method
- For sterility and growth promotion qualification of media batches



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Our sterility media and rinsing fluids are a critical component of your Steritest® solution. They provide the highest level of quality and testing confidence. They have been formulated and tested to meet the requirements of the USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>. Steritest® sterility media and rinse solutions are manufactured in an ISO 9001, environmentally controlled production center.

Each lot undergoes a stringent quality control (QC) procedure, including pH, sterility and growth promotion testing according to USP, EP and JP methods. Our manufacturing approach ensures the highest level of clarity for our media and rinsing fluids, therefore improving accuracy and significantly reducing the risk of incorrect interpretation and false results.

Benefits

- **Compliant to pharmacopoeias EP / USP / JP**

Culture media and rinsing fluids have been formulated and tested to meet the requirements of the USP <71>, EU Pharm. <2.6.1> and JP Pharm.<4.06>.

- **Optimal cap design to reduce the risk of cross contamination and growth inhibition**

1. Screw cap version, the rimless cap design minimizes the risks of cross contamination and optimizes the disinfection procedures.
2. Crimp cap version provides a tamperproof closure to ensure a high level of security.

- **High standards manufacturing process**

Manufactured in ISO® 9001 controlled environments where each lot is certified for pH, sterility, and growth promotion using ATCC® strains specified by the USP.

- **Multiple configuration and volumes**

Whether the product is filterable or not, our sterility testing culture media and rinsing fluids come in multiple configurations and volumes.

- **Improved traceability through barcodes on each bottle**

Simply scan the 2D barcode to access the product-related data. Easy data processing in a broad range of systems.

- **Easy to use with all Steritest® devices**

A non-coring, large diameter septum area is easy to pierce for operator safety and productivity.

- **Validated to fulfill all your sterility and bioburden needs**

Fluids A, D, and K can be used in combination with the Steritest® sterility testing system or for bioburden testing to rinse membranes and dilute or dissolve samples.

Complete Sterility Testing Offer

Regulations and Industry benchmark

Regulations | Consistent Performance | Certificates of Quality | Documented Qualification

Regulations

Our culture media and rinsing fluids are designed, manufactured and tested to meet with the recommendations of Pharmacopoeias for Sterility testing.

- European Pharmacopoeia, 2.6.1 Sterility, 2.6.12 & 2.6.13. Microbiological examination of non sterile products
- United States Pharmacopoeia, <71> Sterility tests, <61> & <62> Microbiological examination of non sterile products; <1227> Validation of microbial recovery from pharmacopoeial articles
- Japanese Pharmacopoeia, 4.06 Sterility test

Regulations and Industry benchmark

Regulations | **Consistent Performance** | Certificates of Quality | Documented Qualification

Consistent Performance

We know that the performance of the culture media and rinse fluids is a critical parameter for sterility testing suitability.

That’s why our media are formulated with selected raw materials to ensure optimal and consistent growth performance.

Our bottles are filled and sterilized an ISO 9001 accredited facility. Our strong quality program mimics the GMP guidelines in order to bring confidence and support to our Pharma customers.

Regulations and Industry benchmark

Regulations | Consistent Performance | Certificates of Quality | Documented Qualification

Certificate of Quality

Each batch follows a stringent quality controls, including batch records review and QC testing before release.

- A Certificate of Quality can be downloaded from our website
- A Certificate of Analysis is also available upon request

Regulations and Industry benchmark

Regulations | Consistent Performance | Certificates of Quality | Documented Qualification

Documented Qualification

Products and manufacturing processes are fully validated to meet with your reliability need for sterility testing.

Validation summaries can be provided upon request.

Full documentation, including validation protocols, reports, risk analysis and change controls can be consulted during an audit in our manufacturing facility.

Complete Sterility Testing Offer

Sterility Testing Culture Media

Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB) is suitable for the culture of both fungi and aerobic bacteria. This medium is used for sterility testing by membrane filtration or by direct inoculation. It is also used as pre-enrich-ment broth for non sterile products. Compliant to the USP, EP and JP Pharmaco-poeias.

Material Table

Fluid Thioglycollate Medium (FTM) is primarily intended for the detection of anaerobic bacteria. However, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation as described in the USP, EP and JP Pharmacopoeias.

Material Table

Clear Thioglycollate Medium has the same growth promotion properties as the standard FTM and is compliant to the USP, EP and JP Pharmacopoeias. This alternative formulation brings extra visual clarity versus the FTM which has a slight turbidity or haze due to presence of agar. A high visual clarity medium is preferred by many users, when compared with the slightly turbid appearance of FTM.

Material Table

Request information

Ordering Information

Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
	Screw cap with septum – double packed DP	100 mL	12	STBMTSB12DP		
	Crimp cap with septum	100 mL	10	1.46317		
Fluid Thioglycollate Medium, FTM	Screw cap with septum	100 mL	12	STBMFTM12		
	Screw cap with septum – double packed DP	100 mL	12	STBMFTM12DP		
	Crimp cap with septum	100 mL	10	1.46406		
Clear Thioglycollate Medium, CTM	Screw cap with septum	100 mL	12	STBMCTM12		
	Screw cap with septum – double packed DP	100 mL	12	STBMCTM12DP		
	Crimp cap with septum	100 mL	10	1.46456		

DP = Double Packed

Ordering Information

Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

DP = Double Packed

Trypcase Soy Broth, TSB (STBMTSB12)

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

Closure	Screw cap with septum
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving
Color	Light yellow clear
Shelf life	12 months
pH at 25 °C	pH 7.3 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*B. subtilis* (ATCC 6633), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

DP = Double Packed

Trypcase Soy Broth, TSB - Double-packed (STBMTSB12DP)

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

Closure	Screw cap with septum - double packed
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving + Ethylene oxide
Color	Light yellow clear
Shelf life	12 months
pH at 25 °C	pH 7.3 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*B. subtilis* (ATCC 6633), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

DP = Double Packed

Trypcase Soy Broth, TSB (1.46317)

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

Closure	Crimp cap with septum
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving
Color	Light yellow clear
Shelf life	12 months
pH at 25 °C	pH 7.3 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*B. subtilis* (ATCC 6633), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

Fluid Thioglycollate Medium, FTM (STBMFTM12)

- Intended for the detection of anaerobic bacteria however, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Screw cap with septum
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving
Color	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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DP = Double Packed

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Ordering Information

Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

DP = Double Packed

Fluid Thioglycollate Medium, FTM - Double-packed (STBMFTM12DP)

- Intended for the detection of anaerobic bacteria however, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Screw cap with septum - double packed
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving + ethylene oxide
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

Fluid Thioglycollate Medium, FTM (1.46406)

- Intended for the detection of anaerobic bacteria however, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Crimp cap with septum
Volume (mL)	100 mL
Packaging	10 per pack
Sterilization	Autoclaving
Color	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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DP = Double Packed

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

Clear Thioglycollate Medium, CTM (STBMCTM12)

- Intended for the detection of anaerobic bacteria however, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Screw cap with septum
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving
Color	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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DP = Double Packed

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

Clear Thioglycollate Medium, CTM - Double-packed (STBMCTM12DP)

- Intended for the detection of anaerobic bacteria, however also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Screw cap with septum – double packed
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving + ethylene oxide
Color	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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DP = Double Packed

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Sterility Testing Culture Media

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)	Screw cap with septum	100 mL	12	STBMTSB12		
Fluid Thioglycollate Medium, FTM						
Clear Thioglycollate Medium, CTM						

Clear Thioglycollate Medium, CTM (1.46456)

- Intended for the detection of anaerobic bacteria, however also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

Closure	Crimp cap with septum
Volume (mL)	100 mL
Packaging	10 per pack
Sterilization	Autoclaving
Color	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*C. sporogenes* (ATCC 11437), *S. aureus* (ATCC 6538), *P. aeruginosa* (ATCC 9027)

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DP = Double Packed

Sterility Testing Rinsing Fluids

Fluid A is a rinsing fluid recommended by the European (EP), United States (USP) and Japanese (JP) Pharmacopeia for the rinsing of aqueous solutions during sterility testing by membrane filtration. It is also used for diluting soluble solids for the same application. In addition, fluid A is recommended as a rinsing fluid for membrane filtration of non sterile products.

Material Table

Fluid D is recommended by the United States Pharmacopeia (USP) for the rinsing of solutions containing oil or lecithin during sterility testing by membrane filtration. Fluid D can also be used for the removal of antimicrobial activity by membrane filtration for non sterile products.

Material Table

Fluid K is suitable for testing specimens that contain petrolatum, oils, or oily solutions. Excellent for rinsing pathways of medical devices, and for samples that are “difficult” to filter or dissolve.

Material Table

Sterile Isopropyl myristate (IPM) is sterilized using gamma-irradiation, and ready-to-use. The use of IPM is recommended in EP <2.6.1>, JP <4.06> and <USP 71> as diluent for oils and oily solutions, as well as for ointments and creams because its solvent properties improve the filterability of these samples.

Material Table

Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A	Screw cap with septum	900 mL	4	STBMRFA94		
		600 mL	4	STBMRFA64		
		300 mL	4	STBMRFA34		
		100 mL	12	STBMRFA12		
	Screw cap with septum – double packed DP	100 mL	12	STBMRFA12DP		
	Crimp cap with septum	300 mL	6	1.46415		
		100 mL	10	1.46470		
USP Rinse Fluid D	Screw cap with septum	300 mL	4	STBMRFD34		
	Crimp cap with septum	300 mL	6	1.46483		
USP Rinse Fluid K	Screw cap with septum	300 mL	4	STBMRFK34		

Solvent

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
Sterile Isopropyl Myristate (IPM)	Crimp cap with septum	360 mL	6	1.46628		

DP = Double Packed

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Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (STBMRFA94)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum
Volume (mL)	900 mL
Packaging	4 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (STBMRFA64)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum
Volume (mL)	600 mL
Packaging	4 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (STBMRFA34)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum
Volume (mL)	300 mL
Packaging	4 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (STBMRFA12)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A - Double-Packed (STBMRFA12DP)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum – double packed
Volume (mL)	100 mL
Packaging	12 per pack
Sterilization	Autoclaving + Ethylene oxide
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (1.46415)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Crimp cap with septum
Volume (mL)	300 mL
Packaging	6 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

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Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid A (1.46470)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Crimp cap with septum
Volume (mL)	100 mL
Packaging	10 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

Order Now

Request Information

Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid D (1.46483)

- Suitable for testing samples that contain lecithin or oil, and compatible with most antibiotics. Excellent for rinsing sterile pathways of devices, and typically used for rinse method testing of medical devices.

Closure	Crimp cap with septum
Volume (mL)	300 mL
Packaging	6 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

Order Now

Request Information

Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid D (STBMRFD34)

- Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Closure	Screw cap with septum
Volume (mL)	300 mL
Packaging	4 per pack
Sterilization	Autoclaving
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
pH at 25 °C	pH 7.1 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

Order Now

Request Information

Request information

Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Rinsing Fluid USP Rinse Fluid K (STBMRFK34)

- Suitable for testing samples that contain petrolatum, oils, or oily solutions. Excellent for rinsing pathways of medical devices, and for samples that are “difficult” to filter or dissolve.

Closure	Screw cap with septum
Volume (mL)	300 mL
Packaging	4 per pack
Sterilization	Autoclaving
Color	Light yellow
Shelf life	12 months
pH at 25 °C	pH 6.9 ±0.2
Storage conditions	Room Temperature (2 to 25 °C)
Regulatory conformance	USP <71>, EP <2.6.1>, JP <4.06>
QC organisms	*S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

Order Now

Request Information

Request information

Ordering Information

Sterility Testing Rinsing Fluids

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to Cart
USP Rinse Fluid A		900 mL	4	STBMRFA94		
USP Rinse Fluid D						
USP Rinse Fluid K						

Solvent

Rinse fluid solution bottle
Sterile Isopropyl Myristate (IPM)

DP = Double Packed

Sterile Isopropyl myristate (IPM) (146628)

- Improve dissolution of viscous products, ointments and creams prior to membrane filtration
- Sterilized and ready-to-use
- To be use in combination of the Steritest® NEO Green base (TZHVSL210)

Closure	Crimp cap with septum
Volume (mL)	300 mL
Packaging	6 per pack
Maximum Temperature	45 °C
Sterilization	Gamma irradiation
Color	Clear, with no precipitate and free of visible particles
Shelf life	12 months
Storage conditions	15 to 25 °C

Order Now

Request Information

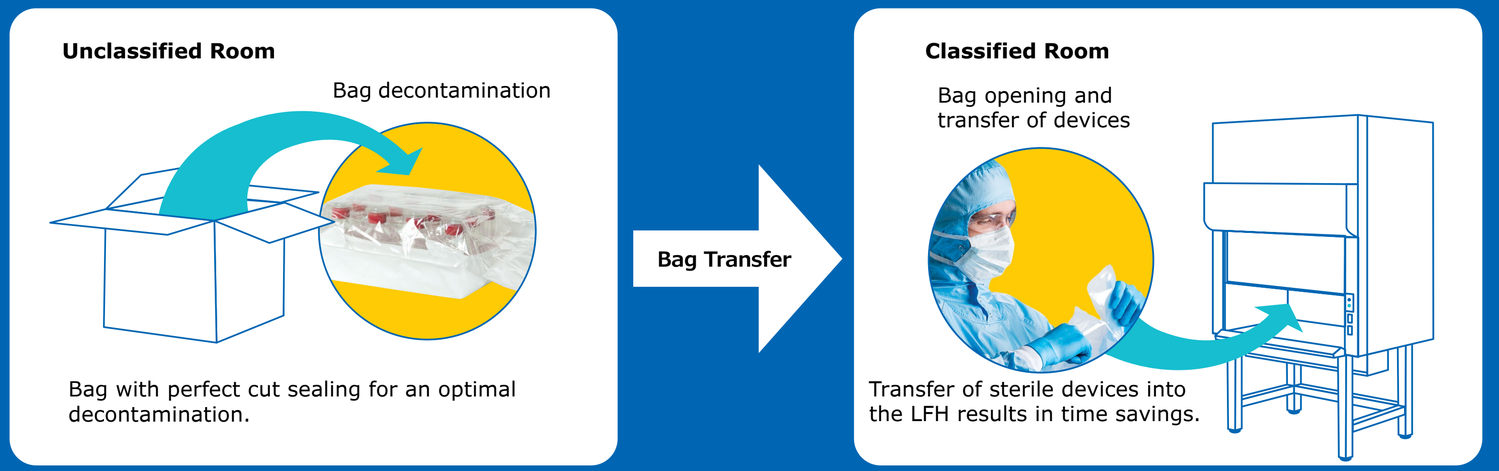
Double-Packed Sterility Testing Media & Rinse Fluids

Gamma Sterilized

Sterility testing culture media and rinsing fluids are also available in a double-packed format. The sterilized double Tyvek® packaging helps to minimize the risk of cross-contamination in laminar flow hoods and to secure an efficient decontamination of isolator chambers.
These products are supplied as 100 mL screw cap bottles.

The sterilization efficiency of the packaging, including the space between the protective cap and the septum, is verified on each batch with biological indicators.
This simplified decontamination procedure saves operator time by reducing cleaning steps.

Transfer of Steritest® Media and Rinse Fluid Double-packed Bottles into a Laminar Flow Hood



Customized Culture Media

If for your application, our standard offer is not appropriate, we also offer tailor-made products.

With our multipurpose filling lines, we are able to produce a wide range of customized products and volume sizes, as well as a large choice of bottle closures.

We can create a new taylor-made items for your needs:

- Filling volume
- Bottling size
- Specific formulation
- pH
- QC testing strains
- Cap type and color
- ...

Please contact us to discuss the best solution for your culture media needs.

Make a request

Closure caps

Screw Cap with Septum

The rimless cap design minimizes the risks of cross contamination and optimizes the disinfection procedures, avoiding the risk of inhibition from disinfectant residuals.

The stopper softness allows easy piercing with needles for operator safety.

Crimp Cap with Septum

The crimp cap version provides a tamperproof closure to ensure a high level of security.

Culture Media and Diluting/Rinsing Fluids

Culture Media

Material Table

Solvent

Material Table

Rinsing Fluids

Material Table

Request information

Our sterility testing Steritest® Symbio pumps accompanied by our smart accessories are designed for ideal integration into any testing environment.

When used in combination with our closed membrane filtration devices and high quality culture media and rinsing fluids, this equipment offers an optimized and fully regulatory compliant testing process (USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>).

DESIGNED TO FIT YOUR TESTING ENVIRONMENT

Whether you carry out your sterility testing in a cleanroom, isolator, or laminar flow hood, our Steritest® Symbio Pumps ensure reproducibility, while streamlining your workflow.

Benefits

Easy-to-Use | Reliable | Safe | Ergonomic | User-Friendly

Easy-to-Use

- Reduced pump height for easy access in laminar flow hoods
- Compact pump frees working space and loading capacity in isolators
- Compatible with vertical and horizontal air flows

Benefits

Easy-to-Use | **Reliable** | Safe | Ergonomic | User-Friendly

Reliable

- The automatic pump head closure ensures quick and easy tube placement, as well as reliable splitting of the liquid sample
- Highly precise timer function: small volumes are sampled with high precision

Benefits

Easy-to-Use | Reliable | **Safe** | Ergonomic | User-Friendly

Safe

- Cleanroom-friendly hardware: air-tight housing and passive cooling prevent particle emission
- Two pressure modes – including automatic pumping speed reduction – alert the operator, reducing the risk of test interruption and minimizing the stress on any microorganisms that may be present
- Easy to clean and resistant to gas decontamination in isolators

Benefits

Easy-to-Use | Reliable | Safe | **Ergonomic** | User-Friendly

Ergonomic

- The housing’s ergonomic shape allows easy tube loading; no risk of pinching gloves and consequent test interruption
- Adjustable bottle holder height and tiltable display for perfect screen visibility
- Buttons designed to be operated with isolator gloves
- Easy to clean and resistant to gas decontamination in isolators

Benefits

Easy-to-Use | Reliable | Safe | Ergonomic | User-Friendly

User-Friendly

- Clear user interface displayed on a 11 cm (4.3 in.) color LCD screen
- Choice of operating language (Simplified Chinese, English, French, German, Italian, Japanese, Portuguese, Spanish, Russian or Turkish)
- Test methods library: store up to 250 filtration protocols and follow them step-by-step on the screen
- Easy to clean and resistant to gas decontamination in isolators

The Perfect Fit for Your Testing Environment

We understand the challenges and requirements of testing environments. That’s why we have developed a complete set of pumps to suit the way you work.

Steritest® Symbio LFH Pump

With its compact design, the Steritest® Symbio LFH Pump can be used comfortably in the smallest testing environments, including in the laminar flow hood, biosafety cabinet, cleanroom or even inside an isolator.

Ordering information

Steritest® Symbio ISL Pump

The Steritest® Symbio ISL Pump is optimized for extremely convenient sterility testing inside isolators. Its table-integrated design offers more working space and loading volume in isolators.
What’s more, its ergonomic buttons and knob can be easily operated while wearing isolator gloves. The pump is compatible with all standard round-table cutouts and is a perfect replacement for Steritest® Integral and Steritest® Equinox Isolator pumps (without table rework).

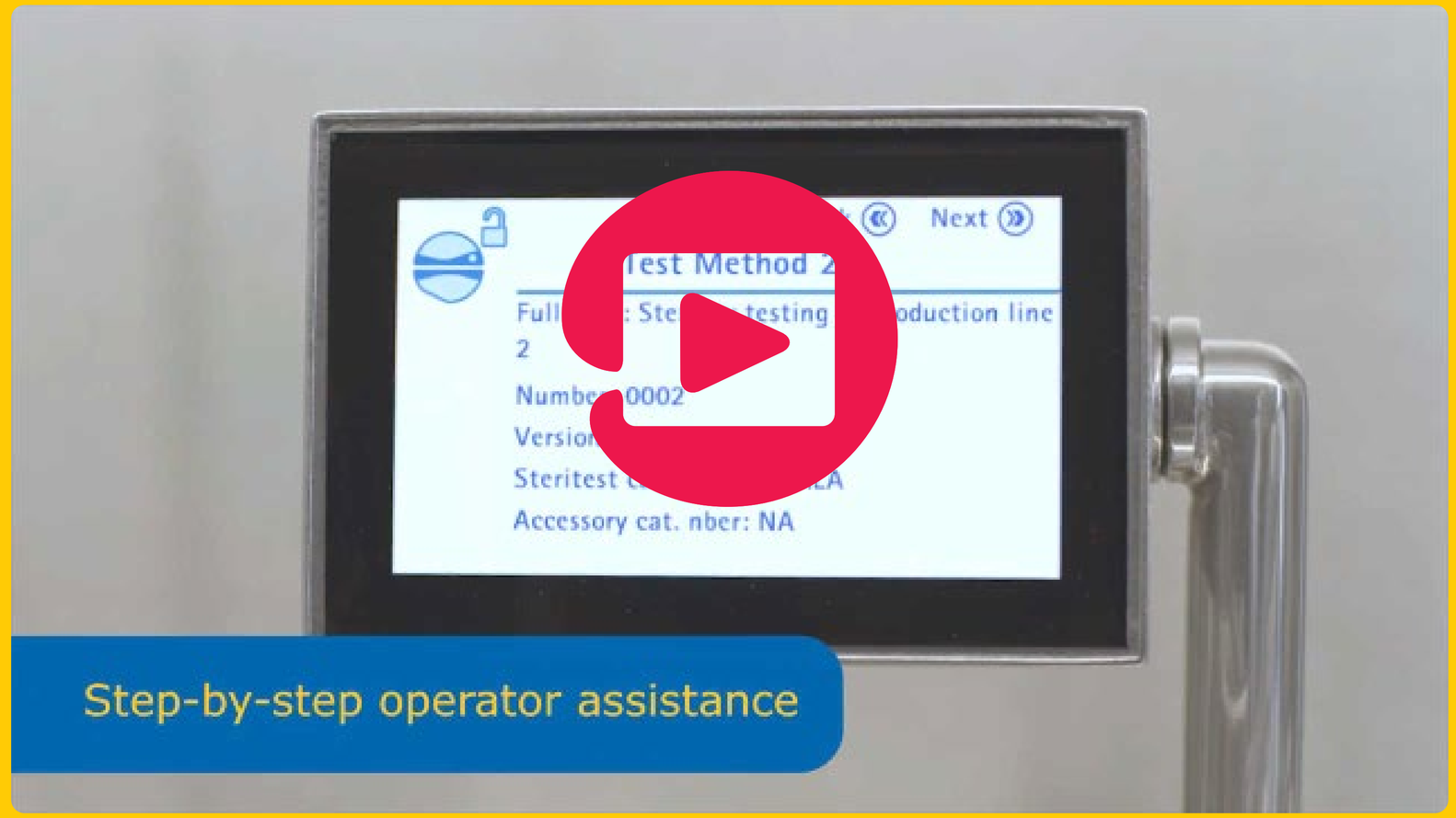
Ordering information

Steritest® Symbio FLEX Pump

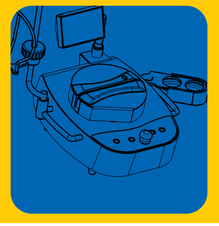
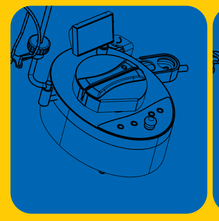
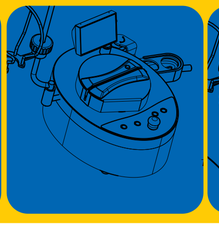
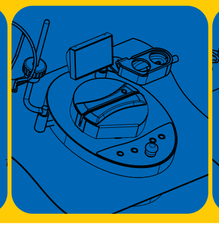
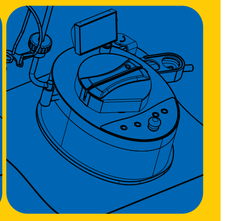
This Steritest® Symbio FLEX Pump is very versatile, and can be installed in multiple ways – in either an isolator or a laminar flow hood. The pump is compatible with all standard round cutouts, and is also the perfect replacement for the Steritest® Equinox Isofit, as it will also match its oval cutout without the need for table rework.

Ordering information

Video



Specifications - Steritest® Symbio Pumps

	Isolator	Laminar flow hood	Multiple ways (isolator or a laminar flow hood)			
	Steritest® Symbio ISL	Steritest® Symbio LFH	Steritest® Symbio FLEX			
			On feet in a laminar flow hood	On feet in an isolator	Low integration in an isolator	High integration in an isolator
						
Width	588 mm (23.1 in.)	633 mm (24.9 in.)	645 mm (25.4 in.)	645 mm (25.4 in.)	611 mm (24.1 in.)	645 mm (25.4 in.)
Depth	313 mm (12.3 in.)	372 mm (14.6 in.)	355 mm (14.0 in.)	355 mm (14.0 in.)	361 mm (14.2 in.)	361 mm (14.2 in.)
Height	354 mm (13.9 in.)	410 mm (16.1 in.)	464 mm (18.3 in.)	472 mm (18.6 in.)	356 mm (14.0 in.)	459 mm (18.1 in.)
Weight	17.6 kg (38.8 lb)	15.8 kg (34.8 lb)	19.6 kg (43.2 lb)			
Pump head height	81 mm (3.2 in.)	158 mm (6.2 in.)	189 mm (7.4 in.)	197 mm (7.8 in.)	82 mm (3.2 in.)	185 mm (7.3 in.)
Pump housing & Pump head	316L Stainless steel					
Rotation speed	up to 240 rpm					
Power supply voltage	100 to 240 Volt AC, 50/60 Hz					

Request more information or a quote

Request a demo

Step-by-Step Onscreen Guidance

Easy and Reliable Test Reproducibility

Whatever your reasons, Steritest® Symbio Pumps safeguard your testing procedure, ensure test method reproducibility and help you save time.

The Test Method Mode displays your sterility test protocols in an easy step-by-step way, including customized handling information.
Simply choose the desired test protocol in the Steritest® Symbio Pump's test methods library.
The test method revision number is displayed for conformity check, and the method also shows the right Steritest® NEO filtration device(s) to use.

You will save time thanks to preset speed and timer values, automatic activation of the syringe dilution accesory or pressure regulation mode.

Software - Enhance Your Steritest® Symbio Pumps Capabilities in 5 Steps

The dedicated Steritest® Symbio Software allows easy creation and management of test methods and simplified synchronization.

Step 1: Download the Steritest® Symbio Software from our website SigmaAldrich.com/steritest-software and install it on your laboratory computer

Step 2: Create your test methods library; a preview screen displays the future appearance on the pump screen

Step 3: Select the test method to be transferred to one or more Steritest® Symbio Pumps

Step 4: Update the pump memory (USB flash drive or network cable)

Step 5: Print and sign the test methods details after cross checking with your quality system

Download the software

Request Information

Complete Sterility Testing Offer

Smart accessories for streamlining your workflow and increasing safety

Procedure Step

Testing Environment Setup | Sample Handling | Filtration | Waste Management | Transport and Incubation

Steritest® Communication Hub Holder for Hoods

- Easily attach the communication hub to one of the legs of the laminar flow hood
- Allows easy access to the pump’s main switch, accessories connectors and keeps the floor free of cables

Order Now | Request Information

Steritest® Connection Cable Extension with Tri-Clover® Clamp

- Use the optional connection cable extension with Tri-Clover® clamp for the connection of the Steritest® Symbio LFH or FLEX pump to the communication hub when used in an isolator without pump integration hole

Order Now | Request Information

Complete Sterility Testing Offer

Complete Sterility Testing Offer

Smart accessories for streamlining your workflow and increasing safety

Procedure Step

Testing Environment Setup | Sample Handling | Filtration | Waste Management | Transport and Incubation

Steritest® Glass Ampoule Breaker

- Keep your bench clear of glass particles or droplets
- Glass parts are collected inside the container (up to 60 ampoules)
- Easy to clean and empty
- Stable feet allow flexible placement in your testing environment

Order Now | Request Information

Steritest® Holder for Steridilutor® NEO Vent Chamber

- Prevent vials from leaking when reconstituting powders by using the holder to keep the Steridilutor® NEO vent chamber above the liquid level

Order Now | Request Information

Smart accessories for streamlining your workflow and increasing safety

Procedure Step

Testing Environment Setup | Sample Handling | **Filtration** | Waste Management | Transport and Incubation

Steritest® Holder for Sterile Bags

- Free your work bench by hanging sterile bags on the holder hooks

Order Now | Request Information

Steritest® Syringe Support

- Safe handling of syringes with needles
- Automatic dispensing of sterile fluid to dilute the content of the syringes, eliminating the need to turn the dilution bottle between syringes during testing

Order Now | Request Information

Complete Sterility Testing Offer

Smart accessories for streamlining your workflow and increasing safety

Procedure Step

Testing Environment Setup
Sample Handling
Filtration
Waste Management
Transport and Incubation

Steritest® Waste Overfilling Sensor for Solid Containers

- User is warned via both an audible signal and visual alert on the Steritest® Symbio pump screen when the waste container is almost full
- Test in progress can be finished before the waste container is emptied or replaced

Order Now
Request Information

Complete Sterility Testing Offer

Smart accessories for streamlining your workflow and increasing safety

Procedure Step

Testing Environment Setup > Sample Handling > Filtration > Waste Management > Transport and Incubation

Steritest® Canisters Carrying Tray and Rack

- Enable safe transport and incubation of up to 20 canisters filled with media
- No risk of canisters falling out of the tray
- Easy visual inspection of up to 5 canisters at once

Order Now | Request Information

Ordering Information

Steritest® Symbio Pumps

Product name	Product #	Request a Demo	Add to Cart
Steritest® Symbio LFH Pump	SYMBLFH01WW		
Steritest® Symbio ISL Pump	SYMBISL01WW		
Steritest® Symbio FLEX Pump	SYMBFLE01WW		

Steritest® Symbio Accessories

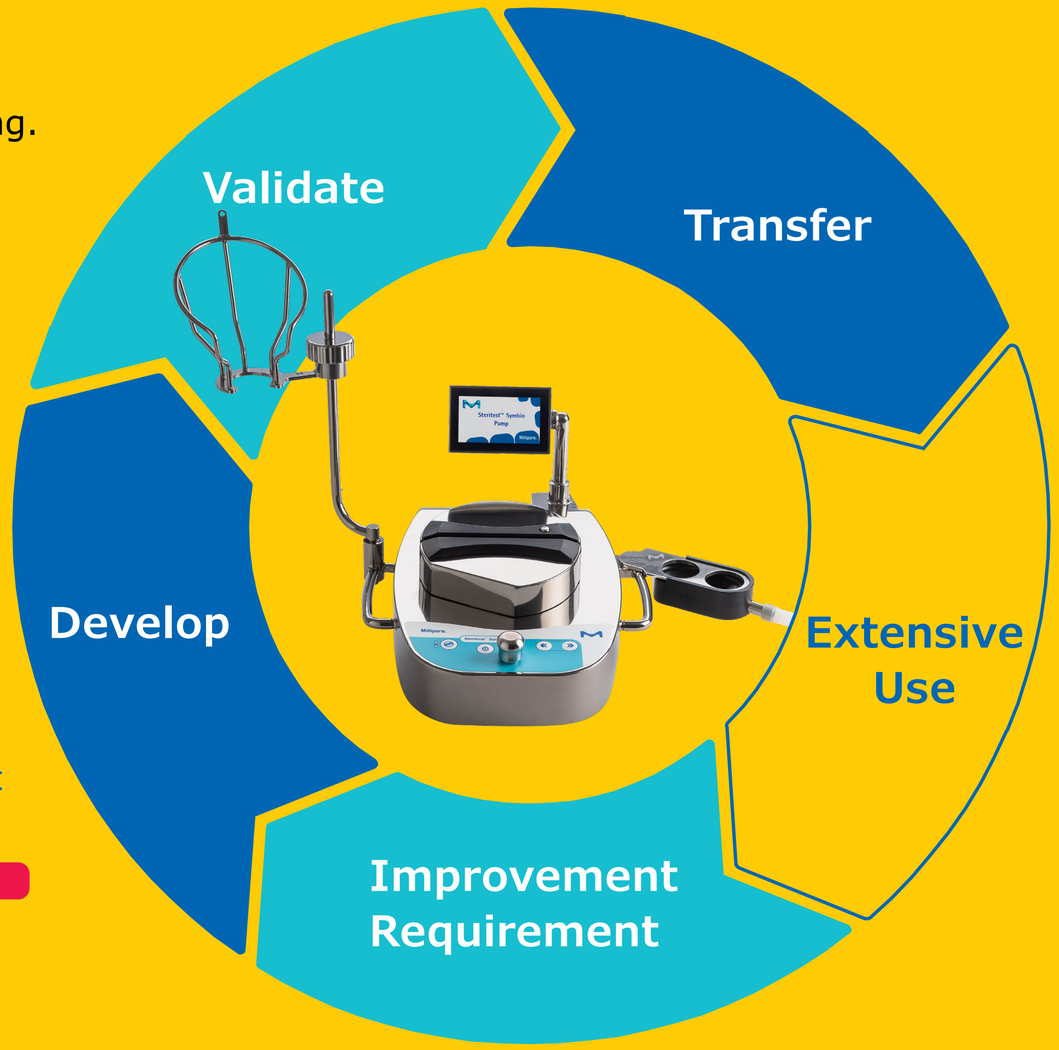
Product name	Product #	Request a Demo	Add to Cart
Steritest® Glass Ampoule Breaker	SYMBABR01		
Steritest® Holder for Steridilutor® Vent Chamber	SYMBSVB01		
Steritest® Holder for Sterile Bags	SYMBSVB01		
Steritest® Syringe Support	SYMBSYS01		
Steritest® Waste Overfilling Sensor for Containers	SYMBWFS01		
Steritest® Canisters Carrying Tray	SYMBCAN08		
Steritest® Canisters Carrying Rack	SYMBRACK2		
Steritest® Communication Hub Holder for Hoods	SYMBCHH01		
Steritest® Communication Hub Holder for Isolators	SYMBCHI01		
Steritest® Connection Cable Extension with Tri-Clover® Clamp	SYMBXTC01		

Method Development
Validation Protocols
Validation Services
Maintenance & Service Plans
Training
Request a Quote

A team of experts

Our services portfolio supporting the Steritest® family for sterility testing.

Reduce your sterility testing workload and focus on critical activities.



To request a quote for a method development, IQ/OQ service, PQ consultancy, preventive maintenance, service plan or training, please contact your local sales representative.

Contact us

Complete Sterility Testing Offer

Consider it done

When a microbial test method (SOP) is set up for a new product, or improved for a product that demonstrates antimicrobial effects and/or filtration issues, our application scientists can develop a method that is compliant with international regulations (pharmacopoeias). Whether you need help with a new sterility test method, or to optimize an existing method, we are ready to lend a hand.

Validation protocols

Ready-to-use validation protocols | Validation workflow

Validation protocols

Steritest® Symbio pumps validation protocol

European A4: SYMBA4VP1
US Letter: SYMBLTVP1

Leave it to us

cGMPs and cGLPs require equipment and test methods to be validated before routine use. Our ready-to-use validation protocols for sterility testing are based on our internal product qualification test methods. These extensive protocols will enable the QC/QA lab to quickly initiate your Validation Master Plan and perform IQ, OQ and PQ (suitability of the test methodology) with ease.

Validation protocols

Ready-to-use validation protocols

Validation workflow

1. Validation Master Plan

- Defined structure, responsibilities for qualification

2. Installation Qualification (IQ)

- Verification and identification of the equipment
- Verification of the product's utilities and operating environment requirements
- Equipment and personnel preparation

3. Operational Qualification (OQ)

- Verification of the product's functionality (hardware, software, devices)

4. Performance Qualification (PQ)

- Test Method suitability verification (microbiology validation procedures)

5. Final Report

- Summarizes all testing performed for final approval of validation

Dedicated experts

We have experienced and trained validation engineers who are skilled to assist in validation protocol implementation within the QC microbiology laboratory, so the QC/QA departments do not have to allocate resources. A basic technical training on your installed equipment is also provided during the validation engineer’s visit. Rely on our expertise in various situations such as:

- New lab equipment
- New product or reformulated product testing
- Compliance with updated regulations: EP, USP, JP, etc.

After the IQ/OQ has been completed we can support with PQ consultancy

Services

Annual preventive maintenance | **Breakdown and spare parts** | **Service plans**

Efficient operation

Preventive maintenance and system verification enable efficient operation of critical testing equipment. Every Steritest® pump should be serviced regularly to ensure its performance remains compliant with the specifications, as per GLP and GMP. We recommend checking and calibrating the pump on an annual basis. Upon completion of the service, we will provide you with a report defining the service performed on your pump as well as our recommendations.

Services

Annual preventive maintenance | **Breakdown and spare parts** | Service plans

Reduce the risk

Annual preventive maintenance will reduce the risk of breakdown and ensure that your Steritest® pump works within system specifications. However, in case a breakdown does occur on your pump, our service team will repair it as diligently as possible at your site or in our local service center. Depending on your service plan level, spare parts and labor are covered during the service plan validity period (Total plans only).

Services

Annual preventive maintenance | Breakdown and spare parts | **Service plans**

You have the choice between 3 coverage levels

	Service Essential™	Service Advanced™	Service Total™
Preventive maintenance	Yes (1/year)	Covered by Essential plan	Covered by Essential plan
Maintenance kit (quoted separately)	Yes	No	No
Number floating repair (labor and shipment/travel)	No	Yes (1/year)	Yes (unlimited)
Spare parts	No	No	Yes
Return shipment	Yes	Yes	Yes
Travel fees	No, quoted separately	No, quoted separately	No, quoted separately
Options	**To be ordered separately**		
Second preventive maintenance contact	**Yes**	**Yes**	**Yes**

Request a quote

Training offer

BEST training

In depth theoretical training on sterility testing and applicable regulations covering:

- Result interpretation
- Method lifecycle
- Product portfolio
- Product demo
- Hands-on training
- Take preventive actions to avoid false positive or false negative test results
- Develop and optimize testing procedures
- Understand and identify root causes for common issues
- Certificate of attendance

Why take chances?

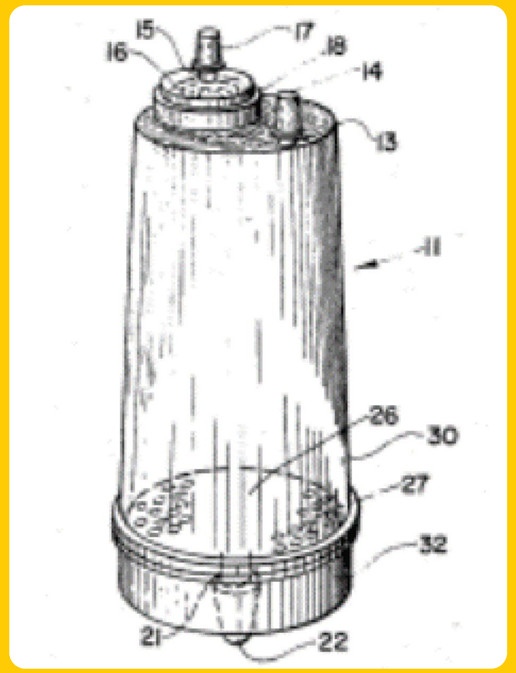
Be confident of your results with our comprehensive sterility testing solutions.
To discuss a specific sterility testing application, please contact your local sales representative.

For availability of BEST training and services, contact us

You all know the Steritest® system, but DO YOU KNOW THE STORY OF ITS INVENTION?

Fernand Burghard, Millipore's European Manufacturing Director until 2000, was part of the Steritest® adventure from the beginning.

In an interview, he tells us about how this breakthrough sterility testing system came into being.



Next >

When and why was there an idea to develop something like the Steritest® system?

In the early 70s, large pharmaceutical companies were struggling with the sterility testing needed to release a pharmaceutical to the market.

Sterility tests were performed openly under a laminar flow hood. Many false positives, often more than 30%, were observed, leading to additional tests and controls, discarded production lots, and manufacturing delays.

The financial consequences were huge and drug access for patients impaired. Millipore found out about these sterility testing and end-user issues from customers in the United States.

In 1972, Jack Buch, Millipore founder and Chairman, settled in Molsheim (France) and had some clear user requirement specifications for a new product in mind. His way to go was:

- a 125 mL volume container
- a closed system
- a 47 mm membrane
- 2 canisters
- a needle and a Y-piece to connect tubing to the 2 canisters.

This was the start of the Steritest® adventure!

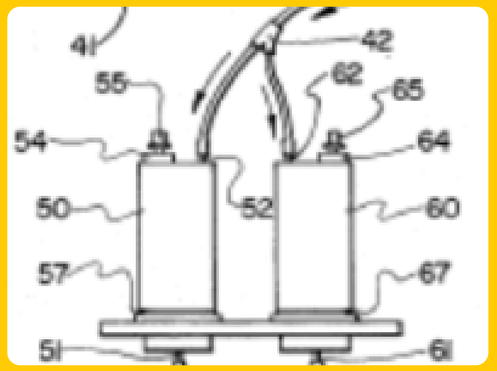
Next >

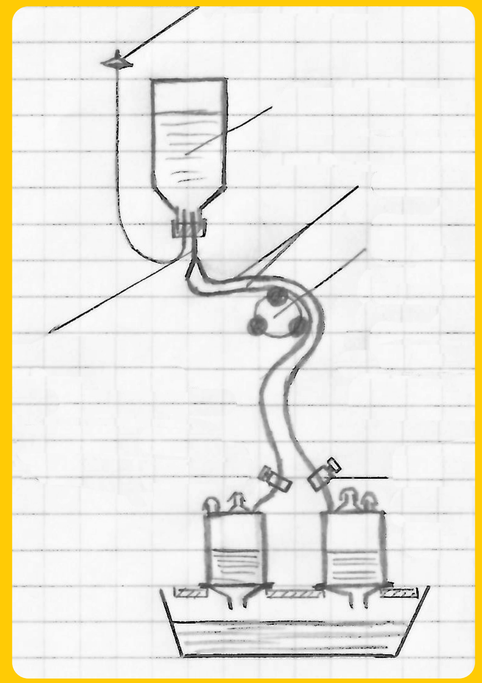
Is the Steritest® system the result of in-depth market research or of a gut feeling?

The Steritest® system was developed to address a need clearly expressed by customers in the pharmaceutical industry, at a global level, to improve the reliability and robustness of the test for sterility.

How much time was required to develop the Steritest® system and introduce it to the market?

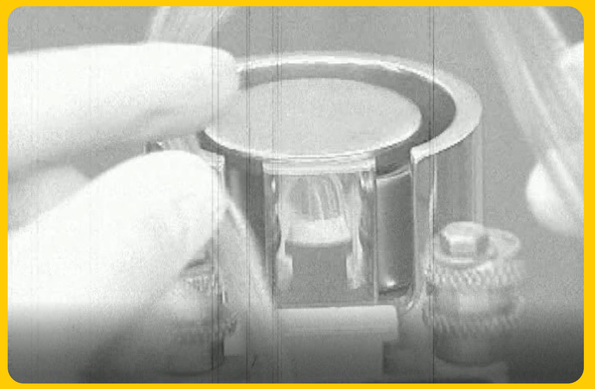
More than 2 years were needed to develop a solution, because there were several issues to deal with. The concept was unique and innovative, a revolution in the sterility testing world, which required hard work from a multidisciplinary, audaciously bold, and creative team.





Next >

What was the biggest challenge during development, and how did you solve it?



Equal splitting into the 2 canisters needed quite some effort. We had to work on the plastic tubing and eventually we came to the conclusion that we had to replace the classical vacuum pump by a peristaltic one.

The marketable product resulted from a close collaboration with a local partner, specialized in industrial engineering, and the courage and conviction of a curiosity-driven and motivated team.

Which three words would best characterize the Steritest® system?

Only one: extraordinary. Our pharma customers' need was clear: they had a high level of false positive test results, leading to significant drug quarantine costs and time wasted on follow-up tests.

All this had to stop.

We felt the mission to find a radical solution, a solution to this worldwide issue in the industry.

Next >

Did you imagine back in 1974 that the Steritest® system would become the standard for sterility testing in the pharmaceutical industry, something they all use, like a Petri dish or a pipette?

We had high hopes, justified by the enormous market size. The issue was a global one, and we strongly believed in our solution.

45 years after market introduction, the Steritest® system remains the reference for sterility testing. How do you feel about that?

I am personally very proud to have contributed to the creation of Steritest® system, a reliable solution that helps customers and patients all over the world.

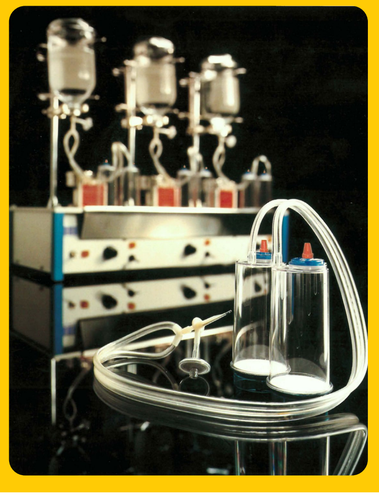
Next >

Concluding remarks from Estelle Zelter, Global Product Manager Sterility Testing

In 2020, the Steritest® system celebrated its 45th anniversary as a commercial product. Curiosity and innovation still motivate our teams.

Like Fernand Burghard and his colleagues did, we listen carefully to our customers in order to continuously improve our existing products while respecting regulatory requirements.

At the same time, we look to the future, developing breakthrough technologies and innovative products.



Over the 45 years, the Steritest® system has been refined. There's a fully compliant portfolio for sterility testing that includes membrane filtration devices, pumps and accessories, culture media and fluids, and related services.

The many years of experience have yielded comprehensive method development & consultancy expertise, validation protocols (IQ/OQ/PQ & requalification), service plans and trainings (Sterility Testing remote school, advanced operator training, …), of which we today are proud.

For further information about our Steritest® products please contact our local sales representative or visit our website

SigmaAldrich.com/sterility-testing

To discuss with our Experts:

SigmaAldrich.com/info-sterility-testing

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