MERCK MILLIPORE

Complete solutions for complete confidence

Sterility Testing

Merck Millipore is a division of MERCK

Sterility Testing
Quality – Reliability – Variety

Sterility testing is required for monitoring all products that are manufactured according to GMP and purporting to be sterile. But not all sterility testing solutions are created equal. Quality, convenience and suitability can vary greatly – affecting the credibility of your findings. Indeed, false negative results may lead to the release of contaminated products, with potentially severe consequences for both patients and manufacturers. On the other hand, cross-contamination and false positive results would imply lengthy and costly investigations, as well as possible product hold or rejection.

Sterility testing at a glance

- Extensive product portfolio meets all requirements for critical and controlled testing environments
- Consistent, high-quality products for accurate and reliable sterility test results
- Competence in regulatory and customer-specific requirements
- Product services: Application and method development, PQ consulting support and training
- Instrumentation services: Validation protocols, on-site equipment validation (IQ/OQ), calibration and preventive maintenance

Quality

With a broad range of high-quality products, ready-to-use validation protocols and comprehensive services, Merck Millipore provides optimal solutions for all your sterility testing applications.

We offer over 35 years of expertise in compliance of regulatory requirements for sterility testing. Manufacturing and validation are performed according to stringent quality standards in ISO® 9001:2000-certified facilities.

Reliability

Merck Millipore has been and continues to be a leading manufacturer of sterility testing systems. The Steritest™ closed filtration devices were invented in the early 1970s to minimize the risk of false results and have been proven to be the most reliable filtration devices available on the market. When used in combination with our Steritest™ pumps, with automatic closure and SOP assistance mode, and our Steritest™ media and rinse solutions, the results are of unmatched reliability.

Variety

Merck Millipore provides a broad range of culture media and fluids suitable for virtually any sterility testing application.

These applications include:

- TSB for media fill
- FTM/TSB media for filterable samples
- Media intended for direct inoculation

Serving as your one-stop supplier, we have based our range on extensive experience in sample preparation devices, hardware equipment, culture media, rinsing fluids and services for equipment and methods. But we don't stop there. We are continuously developing new products and services to help you optimize your sterility tests with maximum safety and confidence. When results count, you can count on us.

Contents

Membrane Filtration Sterility Test

Sterility testing of filterable samples

The Membrane Filtration Sterility Test is the regulatory method of choice for filterable pharmaceutical products. The test is particularly suitable for samples containing preservative, bacteriostatic or fungistatic compounds, which inhibit microbial growth of potential contaminants. With membrane filtration, microorganisms are retained by a 0.45-micron pore size filter and all inhibiting compounds are rinsed using a suitable rinse solution. Appropriate media, which are selected based upon their ability to support the growth of anaerobic and aerobic microorganisms, are then transferred to the membrane filters. A 14-day incubation period is required to obtain final test results.

Steritest™ system – meet the industry benchmark

No single sterility testing platform can efficiently and reliably accommodate today's enormous variety of drugs, delivery systems and packages. That's why the Steritest™ product line includes hardware, a diverse selection of membranes, canisters, adapters and accessories, as well as sterile media and rinse fluids.

Each Steritest™ EZ 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.

Steritest™ EZ devices are color-coded for easy identification:

Blue Base – devices with standard MCE (Mixed Cellulose Esters) membranes for regular pharmaceutical products.

Red Base – devices with special low-binding Durapore membranes for products with inhibitory properties, e.g. antibiotics.

Green Base – devices with high chemical compatibility for applications requiring the presence of solvents.

Minimize false positives

Closed Steritest™ EZ filtration units reduce the risk of false positive results to avoid costly investigation and possible batch loss. The entire testing process, from aliquoting to reading, is never exposed to the environment. There are no open containers or membrane manipulations, which could increase the risk of adventitious contamination.

Reduce false negatives

Steritest™ EZ filtration units 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 present in the pharmaceutical product formulation.

Countless configurations

How do you choose?

Selecting the right system configuration for your needs is relatively simple. It starts with three basic questions:

1. ### What drug product are you testing?

The characteristics of your sample – especially its filtration properties, chemical compatibility and microbial inhibition potential – will help determine the optimum membrane type and canister design. Steritest™ EZ canisters are color-coded to indicate the membrane and housing polymer combination (see Steritest™ system Wall Chart).

2. ### How is the drug packaged?

Steritest™ EZ adapters accommodate virtually any type of test product packaging while maintaining a closed filter-based system. Over 13 adapters provide safe transfer from Small Volume Parenterals (SVP), Large Volume Parenterals (LVP), plastic containers, syringes containing liquids, powders and countless other types of packaging. Diluent, rinse and media addition is designed into each system to maintain simplicity and closed transfers (see Steritest™ system Wall Chart).

3. ### What is the testing environment?

Steritest™ Equinox pumps are designed for use in specific testing environments – laminar flow hoods, biosafety cabinets or isolator systems.

For more information on how to choose the right device and download the Steritest™ system Wall Chart click:
www.merckmillipore.com/choose-your-steritest-device

Culture Media and Fluids
Developed for Steritest™ devices

Merck Millipore sterility media and rinse fluids are a critical component of our Steritest™ solution. They provide the highest level of purity and testing confidence and have been formulated and tested to meet the requirements of the United States, European and Japanese pharmacopoeias. All media and rinse solutions are validated and packaged in convenient test volumes with aseptically designed screw caps, flip caps and septum closures for ease of operation, thus fulfilling all of your sterility and bioburden testing needs.

Made for your confidence and convenience

Steritest™ sterility media and rinse solutions are manufactured in an ISO 9001, environmentally-controlled production center. Each lot is certified for pH, sterility and growth promotion using ATCC strains specified by the USP, EP, and JP, as well as stringent Merck Millipore QC procedures. Our approach to manufacturing ensures all Steritest™ sterility media and rinse fluids provide the highest level of clarity for improved reading accuracy, thus significantly reducing the risk of incorrect interpretation and false results.

Increased test method reliability with the double packed media and fluids The sterilized double Tyvek® packaging allows to streamline the cleaning procedures, to minimize the risk of cross-contamination in laminar flow hoods and to secure an efficient decontamination of isolator chambers.

Fluid K 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.

Fluid D Suitable for testing specimens that contain lecithin or oil and compatible with most antibiotics. Excellent for rinsing sterile pathways of devices and typically needed for rinse method testing of medical devices.

Fluid A 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.

Fluid Thioglycollate Medium 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.

Soybean-Casein Digest Medium (Trypcase Soy Broth) 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-enrichment broth for non-sterile products. Compliant with the USP, EP and JP.

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

A broad product range and multiple formats for all your applications

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/dissolve samples.

Customized for special applications

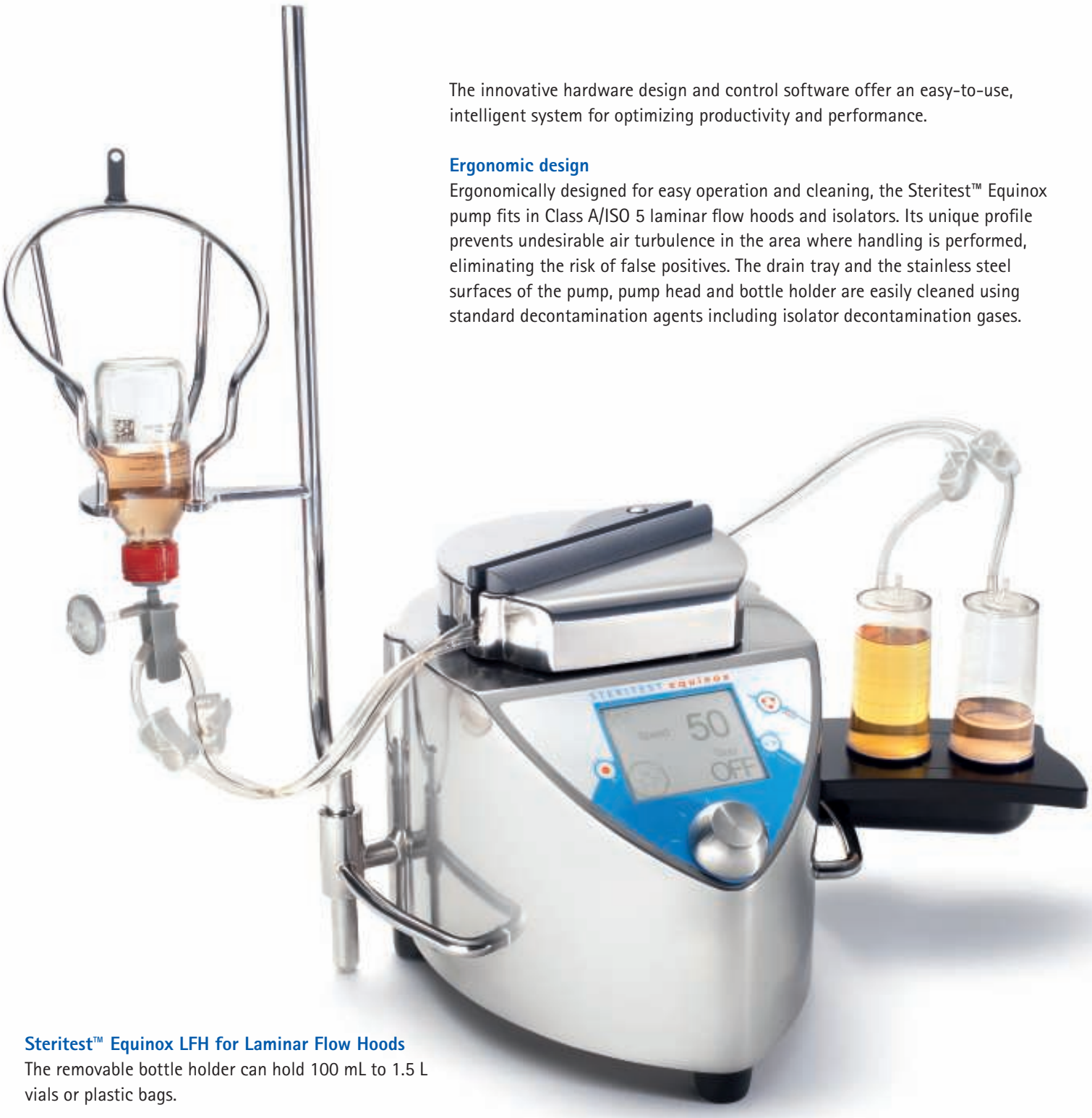
If a specific modification is required for your application, please feel free to contact us. With our multipurpose filling lines at Merck Millipore, we are able to produce a wide range of customized products and volume sizes, as well as a large choice of bottle closures.

Sterility Testing Pump
Steritest™ Equinox

The innovative hardware design and control software offer an easy-to-use, intelligent system for optimizing productivity and performance.

Ergonomic design

Ergonomically designed for easy operation and cleaning, the Steritest™ Equinox pump fits in Class A/ISO 5 laminar flow hoods and isolators. Its unique profile prevents undesirable air turbulence in the area where handling is performed, eliminating the risk of false positives. The drain tray and the stainless steel surfaces of the pump, pump head and bottle holder are easily cleaned using standard decontamination agents including isolator decontamination gases.



Steritest™ Equinox LFH for Laminar Flow Hoods
The removable bottle holder can hold 100 mL to 1.5 L vials or plastic bags.

Steritest™ Equinox pump for isolators

This Equinox pump fits in both glove and half-suit isolators. Its profile ensures perfect decontamination inside isolators. Its unique design makes it easy to connect and disconnect from an isolator work table during maintenance.

Steritest™ Equinox Isofit pump for isolators

The Isofit version of the Steritest™ Equinox pump family features a low profile, which improves the ergonomic fit in isolators. The lower profile maximizes the work area within the isolator allowing for greater efficiency. The patented connection design of the isolator work table reduces the height of the Steritest™ Equinox Isofit pump by 10 cm (4 in) compared to the Steritest™ Equinox pump for isolators.

Sterility testing transfer system

Fast and reliable sterility testing transfer system

Designed for use with Steritest™ EZ devices, the automatic pump head makes it easy to load and unload Steritest™ tubing, eliminating the risk of pinched or damaged gloves.

A **built-in timer** enables analysts to pre-set the time required for product filtration. This is critical for products exposed to the environment where there is a risk of introducing non-sterile air into the canisters and generating false positives.

A **pressure control system** constantly monitors the pressure inside both Steritest™ EZ canisters ensuring that the system is running within acceptable limits at all times. An alarm informs the operator of any pressure increase above specifications.

An **external foot switch** can be used to set the pump to either "continuous" or "two-way" operation mode.

Repeatable procedures

Using a computer, standard operating procedures (SOPs) can be developed and then loaded onto the Steritest™ Equinox pump. In the SOP mode, the analyst simply selects the appropriate SOP for the test sample from the Steritest™ Equinox control panel. The Steritest™ Equinox pump will walk the analyst through each step, improving repeatability and reliability.

Complete solution for complete confidence

Combining the Steritest™ Equinox pump, Steritest™ EZ canisters, sterile culture media and rinse fluids, Merck Millipore offers everything needed for successful sterility testing.

Easy workflow in a 6-step procedure

This advanced automated pump allows faster and easier sterility testing. A streamlined 6-step procedure ensures consistent, accurate performance while reducing overall processing time.

1.

Place Steritest™ EZ unit tubing in pump head and push button to automatically close the pump head.

2.

Pre-wet the filter to optimize filtration.

3.

Filter equal amount of product through the Steritest™ EZ sterile tubing into both canisters without exposing drug to the environment.

4.

Rinse product from both canisters.

5.

Pump media into each canister separately.

6.

Incubate and examine the Steritest™ EZ canisters for growth in accordance with the appropriate pharmacopoeias.

Direct Inoculation Method

Sterility testing of non-filterable samples

Although international pharmacopoeias recommend using standard membrane filtration for sterility testing, there are certain products that are not filterable or deformable. These products are normally tested using direct inoculation. In this method, the test sample is added directly into the required media ensuring that the amount of sample is below 10% of the total media volume.

To comply with different requirements, we offer sterility test media in various volumes, from 9 mL tubes up to 750 mL bottles. To request a quote for sterility testing of non-filterable samples, please contact your local sales representative.


TRYPCASE SOY BROTH
Cat. Num.: STBMTSB12
Cat. Num.: STBMCTM12

Services
Your personal team of experts

A complete QA/QC solution means more than just world-class products. It involves developing a method that works for your product, knowledgeable support for the system and test procedure validation – allowing you to implement the new system in routine testing as quickly as possible. That's why our dedicated team will work with you to provide application expertise and product knowledge whenever and wherever you need it.

Method development at a glance

- Bring Merck Millipore's expertise into your QC lab
- Design the right test method in compliance with appropriate regulations
- Ensure faster adoption of new products
- Improve lab productivity
- Enjoy peace of mind: methods developed are based on decades of application knowledge

Method development

Consider it done

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

The process

Method development services for Steritest™ are performed as follows:

A customized test protocol will be approved by the customer

The method will then be developed and the following SOP parameters will be determined:

- Required sample volume
- Product filterability, with optimization if required
- Choice of the appropriate filtration device/membrane
- Choice of the appropriate pre-wetting and rinsing fluids:
  - Filtration and rinsing procedure determination
  - Recovery assessment with the most sensitive microorganism
  - Test method confirmation with additional microorganisms

The result:
An optimized test method, including advice for handling critical points

Validation services

Leave it to us

cGMPs and cGLPs require equipment and test methods to be validated before routine use. Merck Millipore's 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.

Rely on experts

Merck Millipore has experienced validation engineers who are trained to assist in validation protocol implementation within the QC microbiology laboratory, so the QC/QA departments do not have to allocate resources. A complete technical training on your Merck Millipore equipment is also provided during the validation engineer's visit.

IQ, OQ service: Support for the qualification of laboratory equipment

- Execution of the test methods
- Finalization of report, ready for QA approval
- Technical training

PQ consultancy service: Support for the implementation of microbiological test methods (PQ) of the validation protocol

- Detailed and complete presentations of microbiological test up to date with regulations
- On-site support for implementation of tests
- Tips and tricks to optimize time and expendables quantity for the PQ
- On-site data analysis support and report generation
- Continued support over phone and email

Reduce development time and validation costs

- Protocol preparation requires approximately 4 weeks (research on applicable regulations, acceptance criteria definition, test methods writing, formatting, etc.)
- Estimated IQ/OQ completion time without pre-written protocol: 6 to 7 weeks
- Quickly integrate equipment into your process pipeline with confidence, using product specific test methods

Service agreements

Annual preventative maintenance

Preventive maintenance and system verification enable efficient operation of critical testing equipment. Every Merck Millipore system should be serviced regularly to ensure its performance remains compliant with the specifications, as per GLP and GMP. Merck Millipore recommends checking and calibrating the systems on an annual basis. We can ensure that your Merck Millipore system meets our manufacturing specifications after preventive maintenance and service. Upon completion of the service, we will provide you with a report defining the service performed on your equipment as well as our recommendations. Verification and calibration are performed with certified measurement instruments. In addition, we will provide you with a certificate of conformity that confirms that the equipment meets system specifications at the time of service.

Breakdown and spare parts

Annual preventive maintenance will reduce the risk of breakdown and ensure that the equipment works within system specifications (if used in accordance with the user's manual recommendations). However, in case a breakdown does occur on your Merck Millipore equipment, our maintenance team will repair it as diligently as possible. All wear parts will be replaced with no additional cost during the service agreement period. (This excludes non-wear parts.)

Peace of mind

Once the Merck Millipore equipment warranty period is expired, the service agreement takes over and is effective as a warranty. You can choose between repair center and on-site service.

The service agreement is all inclusive:

- Checking and calibration
- Repairs also covered depending on service level
- Priority at the repair center
- Spare parts for preventive maintenance and repairs
- Labor
- Return shipment fees and/or technician travel/lodging
- Conformity Certificate and service report

Training

Steritest™ School

Merck Millipore offers interactive courses to provide an in-depth review of the regulatory requirements of sterility testing, its validation and practical implementation. The course will explain the current requirements of pharmacopoeias as well as correct sterility testing procedures – from method development and validation through to routine test result interpretation.

Your benefits

- Take preventive actions to avoid false positive or false negative test results
- Develop and optimize sterility testing procedures
- Understand and identify root causes for common handling issues

Why take chances?

Be confident of your results with Merck Millipore's comprehensive sterility testing solutions. To discuss a specific sterility testing application, please contact your Merck Millipore representative.

Technical assistance

For technical assistance or additional information, call your nearest Merck Millipore office.

Online requests:
www.merckmillipore.com/techservice

Ordering information
Membrane Filtration Sterility Test

Steritest™ EZ devices for products without antimicrobial agents

Liquids in ampoules / liquids in collapsible bags	Pack size	Ord. No.
Steritest™ EZ device	10	TZHALA210
Steritest™ EZ device double packed	10	TZHALA205

LVP in glass bottles	Pack size	Ord. No.
Steritest™ EZ device	10	TZHALV210
Steritest™ EZ device double packed	10	TZHALV205

SVP in vials	Pack size	Ord. No.
Steritest™ EZ device	10	TZHASV210
Steritest™ EZ device double packed	10	TZHASV205

SVP in very small vials	Pack size	Ord. No.
Steritest™ EZ device for ultra small septums double packed	10	TZHAUS205

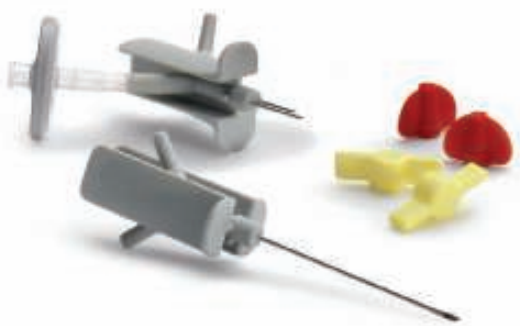
Medical devices – 3 adapters	Pack size	Ord. No.
Steritest™ EZ device	10	TZHAMD210

Prefilled syringes	Pack size	Ord. No.
Steritest™ EZ device	10	TZHASY210

Liquids in plastic containers	Pack size	Ord. No.
Steritest™ EZ device	10	TZHAPC210

Soluble powders in ampoules	Pack size	Ord. No.
Sterisolutest® EZ device	10	TZHADA210

Soluble powders in vials	Pack size	Ord. No.
Sterisolutest® EZ device	10	TZHADV210



Steritest™ EZ devices for antibiotics and products with antimicrobial agents

Liquids	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVAB210

Powders and superpotent antibiotics	Pack size	Ord. No.
Steridilutor EZ device	10	TZVC00010
Steritest™ EZ device	10	TZHVAB210

Recommended accessories	Pack size	Ord. No.
Holder for Steridilutor with expansion chamber	1	TQ00TEV01
Sterile vent needles for safe transfer of liquid media	25	TEFG02525

LVP in glass bottles	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVLV210

SVP in vials	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVSV210

Soluble powders in vials	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVDV210

Medical devices – 3 adapters	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVMD210

Note: For antibiotics or strong inhibitory products, the use of the TZHVAB210 filtration devices is highly recommended. Prior to the filtration step, it is recommended to dissolve and/or pool samples with the Steridilutor kit.

Steritest™ EZ devices for increased chemical compatibility

Solvents, creams, ointments, and veterinary injectables	Pack size	Ord. No.
Steritest™ EZ device	10	TZHVSL210

Steritest™ and Steritest™ EZ accessories

Steridilutor device EZ for vials	Pack size	Ord. No.
Steridilutor device without expansion chamber	10	TZV000010
Steridilutor device with expansion chamber	10	TZVC00010

Liquid transfer	Pack size	Ord. No.
Liquid transfer kit	10	TZA000010

Sterile vent needles	Pack size	Ord. No.
Sterile vent needles	25	TEFG02525

Culture Media and Fluids

Sterility media and rinse fluids

Medium / rinse solution bottle	Volume	Closure*	Pack size	Ord. No.
Trypcase Soy Broth (Soybean-Casein Digest Medium)	100 mL	Screw cap with septum	12	STBMTSB12
	100 mL	Screw cap with septum – double packed	12	STBMTSB12DP
	100 mL	Crimp cap with septum	10	1.46317.0010
	9 mL	Tube	20	1.46432.0020
	9 mL	Tube	100	1.46432.0100
Fluid Thioglycollate Medium	100 mL	Screw cap with septum	12	STBMFTM12
	100 mL	Screw cap with septum – double packed	12	STBMFTM12DP
	100 mL	Crimp cap with septum	10	1.46406.0010
	9 mL	Tube	20	1.46220.0020
	9 mL	Tube	100	1.46220.0100
Clear Thioglycollate Medium	100 mL	Screw cap with septum	12	STBMCTM12
	100 mL	Screw cap with septum – double packed	12	STBMCTM12DP
	100 mL	Crimp cap with septum	10	1.46456.0010
USP Rinse Fluid A	100 mL	Screw cap with septum	12	STBMRFA12
	100 mL	Screw cap with septum – double packed	12	STBMRFA12DP
	100 mL	Crimp cap with septum	10	1.46470.0010
	300 mL	Screw cap with septum	4	STBMRFA34
	300 mL	Crimp cap with septum	6	1.46415.0006
	600 mL	Screw cap with septum	4	STBMRFA64
	600 mL	Crimp cap with septum	6	Contact Merck Millipore
USP Rinse Fluid D	300 mL	Screw cap with septum	4	STBMRFD34
	300 mL	Crimp cap with Septum	6	1.46483.0006
USP Rinse Fluid K	300 mL	Screw cap with septum	4	STBMRFK34
	300 mL	Crimp cap with Septum	6	Contact Merck Millipore

** The crimp cap closures are not compatible with the direct inoculation method.*

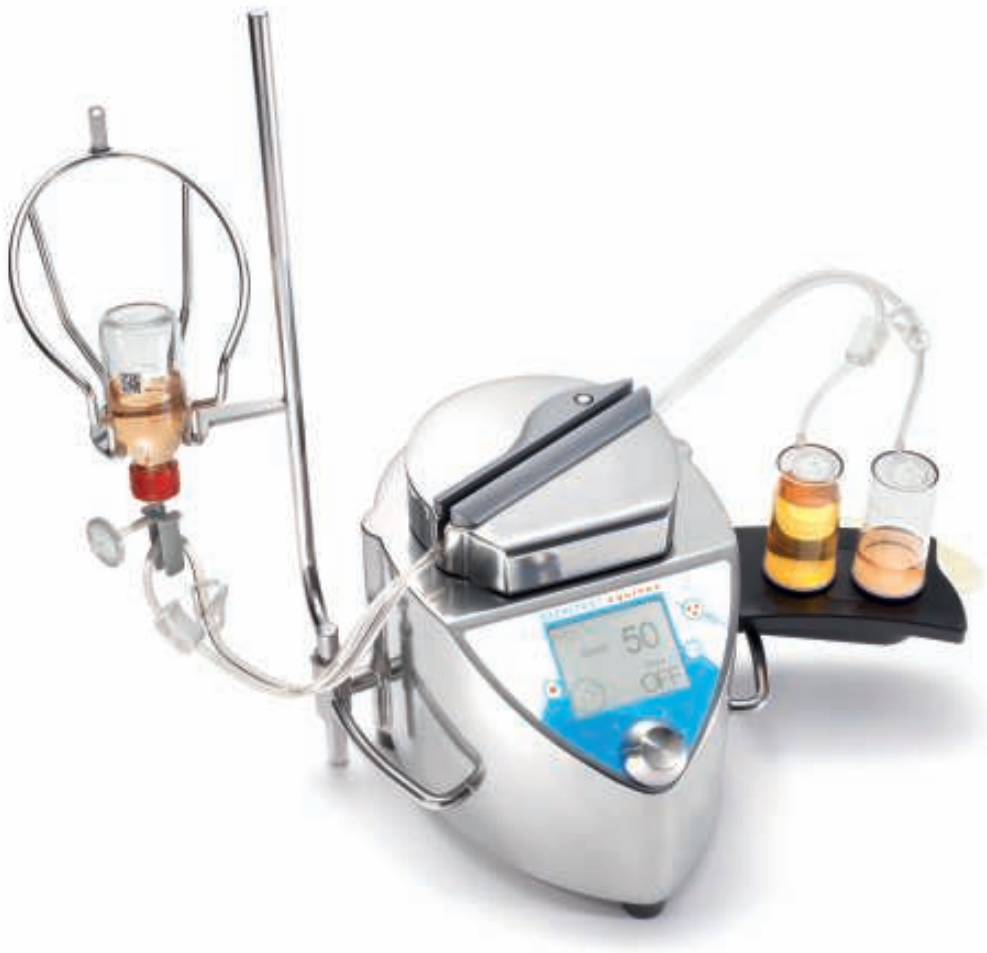
Recommended accessories	Pack size	Ord. No.
Sterile vent needles for liquid media growth promotion tests	25	TEFG02525

Sterility Testing Pump

Steritest™ Equinox

Steritest™ Equinox pumps	Ord. No.
Steritest™ Equinox pump for Laminar Flow Hoods Includes software, bottle holder, canister holder and power supply unit	TQNXLFH01
Steritest™ Equinox pump for isolators Includes software, bottle holder, canister holder and power supply unit	TQNXISL01
Steritest™ Equinox Isofit pump for isolators Includes software, bottle holder, canister holder and power supply unit	TQNXISL03

Accessories	Ord. No.
Holder for Steridilutor with expansion chamber	TQ00TEV01
Steritest™ Equinox footswitch	TQ00FTS01
Ampoule breaker	TNTAC0001
Pressure control kit for Steritest™ Equinox pump	TQ00PSI01



Services

Validation protocol

Steritest™ Equinox pumps validation protocols	Format	Ord. No.
Steritest™ Equinox pumps validation protocol	European A4	TQNXA4VP1
Steritest™ Equinox pumps validation protocol	US Letter	TQNXLTVP1

Application and validation services
To request a quote for sterility test Method Development, On-Site IQ/OQ Execution or PQ Consulting, please contact your local sales representative.

On-site maintenance and repair service agreements (Europe only)

Steritest™ Equinox pump for Laminar Flow Hoods	Ord. No.
Steritest™ Equinox LFH System Conformity Visit	TSPMQNH10
Steritest™ Equinox LFH ESSENTIAL Service Agreement	TSPMQNH11
Steritest™ Equinox LFH EXTENDED Service Agreement	TSPMQNH12
Steritest™ Equinox LFH EXTENDED Plus Service Agreement	TSPMQNH13
Steritest™ Equinox LFH TOTAL Service Agreement	TSPMQNH14

Steritest™ Equinox pump for Isolators	Ord. No.
Steritest™ Equinox Isolator System Conformity Visit	TSPMQNS10
Steritest™ Equinox Isolator ESSENTIAL Service Agreement	TSPMQNS11
Steritest™ Equinox Isolator EXTENDED Service Agreement	TSPMQNS12
Steritest™ Equinox Isolator EXTENDED Plus Service Agreement	TSPMQNS13
Steritest™ Equinox Isolator TOTAL Service Agreement	TSPMQNS14

Steritest™ Equinox Isofit pump	Ord. No.
Steritest™ Equinox Isofit System Conformity Visit	TSPMFIT10
Steritest™ Equinox Isofit ESSENTIAL Service Agreement	TSPMFIT11
Steritest™ Equinox Isofit EXTENDED Service Agreement	TSPMFIT12
Steritest™ Equinox Isofit EXTENDED Plus Service Agreement	TSPMFIT13
Steritest™ Equinox Isofit TOTAL Service Agreement	TSPMFIT14

Workshop maintenance and repair service agreements (Europe only)

Steritest™ Equinox pump for Laminar Flow Hoods	Ord. No.
Steritest™ Equinox LFH Initial Maintenance Agreement	TSPMQNH00
Steritest™ Equinox LFH Standard Maintenance Agreement	TSPMQNH01
Steritest™ Equinox LFH Premium Maintenance Agreement	TSPMQNH02
Steritest™ Equinox LFH Standard PLUS Maintenance Agreement	TSPMQNH03
Steritest™ Equinox LFH Premium PLUS Maintenance Agreement	TSPMQNH04

Steritest™ Equinox pump for Isolators	Ord. No.
Steritest™ Equinox Isolator Initial Maintenance Agreement	TSPMQNS00
Steritest™ Equinox Isolator Standard Maintenance Agreement	TSPMQNS01
Steritest™ Equinox Isolator Premium Maintenance Agreement	TSPMQNS02
Steritest™ Equinox Isolator Standard PLUS Maintenance Agreement	TSPMQNS03
Steritest™ Equinox Isolator Premium PLUS Maintenance Agreement	TSPMQNS04

Steritest™ Equinox Isofit pump	Ord. No.
Steritest™ Equinox Isofit Initial Maintenance Agreement	TSPMFIT00
Steritest™ Equinox Isofit Standard Maintenance Agreement	TSPMFIT01
Steritest™ Equinox Isofit Premium Maintenance Agreement	TSPMFIT02

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

For more information on our products:
www.merckmillipore.com/biomonitoring

Find contact information for your country at:
www.merckmillipore.com/offices

For Technical Service, please visit:
www.merckmillipore.com/techservice

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