



# For reliable sterility testing TRUST THE DIONEERS

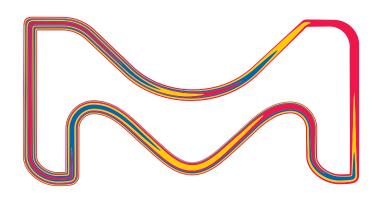
**Complete sterility testing solutions** for complete confidence.

The life science business of Merck 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<sup>™</sup> 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.



**Culture Media & Rinsing Fluids** 





### Workflow

### History

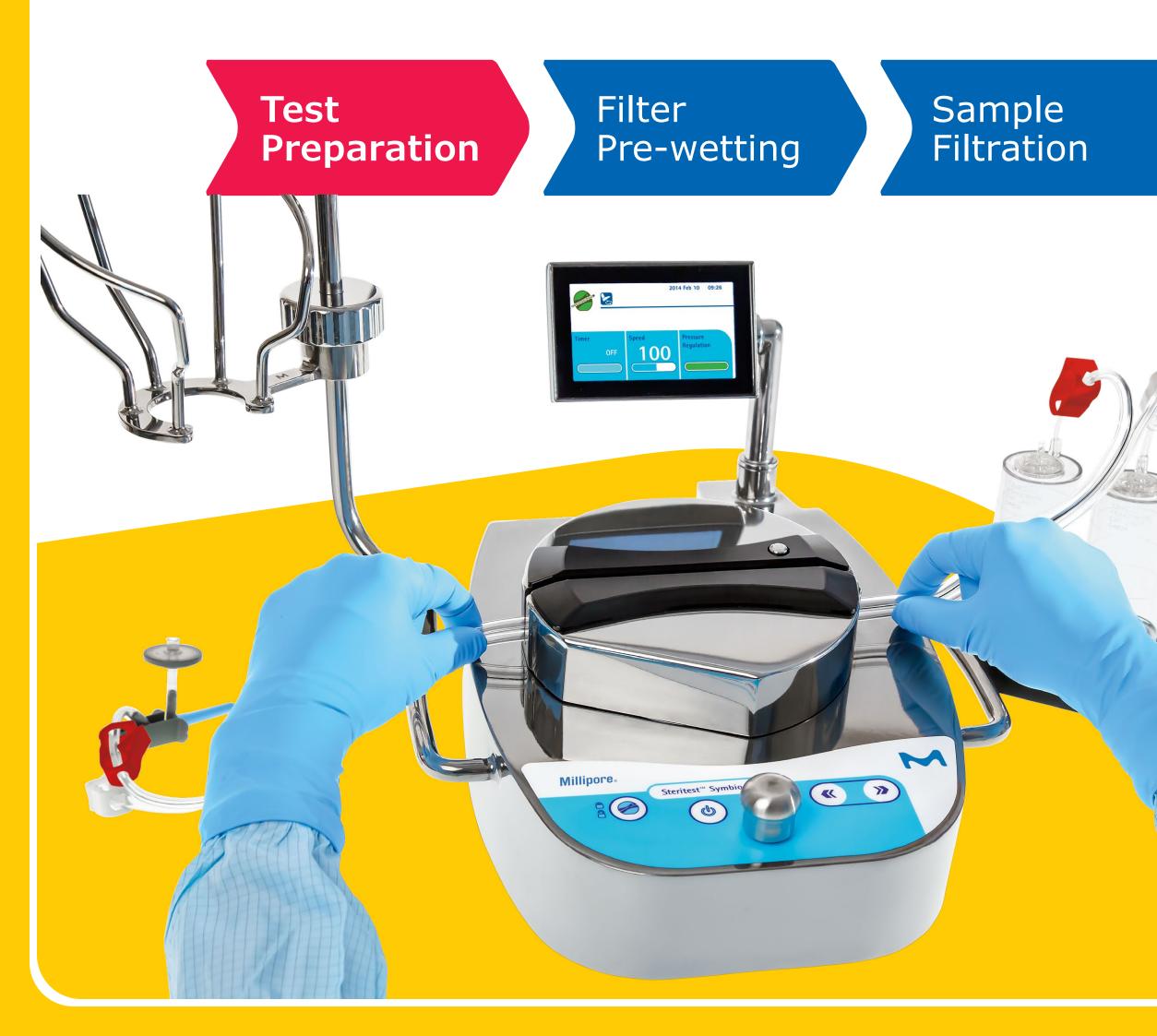
**Peristaltic Steritest**<sup>™</sup> **Symbio Pump** 

### **Smart Accessories**

### **Services & Training**







Device Rinsing

Media Transfer

Reading

Place Steritest<sup>™</sup> 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







Test Preparation

Filter Pre-wetting Sample Filtration Device Rinsing

Media Transfer

Reading

Pre-wet the Steritest<sup>™</sup> NEO device to optimize filtration, conditioning the membrane.

**Request information** 





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<sup>™</sup> NEO tubing.







#### Filter Pre-wetting

Sample Filtration Device Rinsing

Media Transfer

Reading

Rinse product from both canisters.

**Request information** 





nbio LFH

# **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.





#### Test Preparation

#### Filter Pre-wetting

Sample Filtration Device Rinsing

Media Transfer

Reading

Incubate and examine the Steritest<sup>™</sup> NEO canisters for growth in accordance with the appropriate pharmacopoeias.













### The first Steritest<sup>™</sup> 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.







## The Steritest<sup>™</sup> 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







## **The Steritest<sup>™</sup> 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.







### The Steritest<sup>™</sup> Compact pump



The flat design improves ergonomics in laminar flow hoods.









### The Steritest<sup>™</sup> Integral pump



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

MALLIPORE







### The Steritest<sup>™</sup> 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.







### **The Steritest<sup>™</sup> 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.







### **The Steritest<sup>™</sup> 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







### 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.







### The double-packed culture media and rinsing fluids



- Double Tyvek<sup>®</sup> 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.







## 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







### The Steritest<sup>™</sup> Symbio pumps









## **Complete range of Steritest<sup>™</sup> accessories**

### Streamline your workflow and increase safety with smart accessories.

### Sample Handling



SYMBSVB01 Steritest<sup>™</sup> Holder for Steridilutor<sup>®</sup> **NEO Vent Chamber** 



SYMBABR01 Steritest<sup>™</sup> Glass Ampoule Breaker



SYMBSVB01 Steritest<sup>™</sup> Holder for Sterile Bags

### **Filtration**

SYMBSYS01 Steritest<sup>™</sup> Syringe Support

### Waste Management



SYMBWFS01 Steritest<sup>™</sup> Waste **Overfilling Sensor** for Solid Containers

### **Transport and** Incubation



SYMBCAN08 Steritest<sup>™</sup> Canister carrying trays and SYMBRACK2 Steritest<sup>™</sup> Rack







### **The Steritest<sup>™</sup> NEO devices**

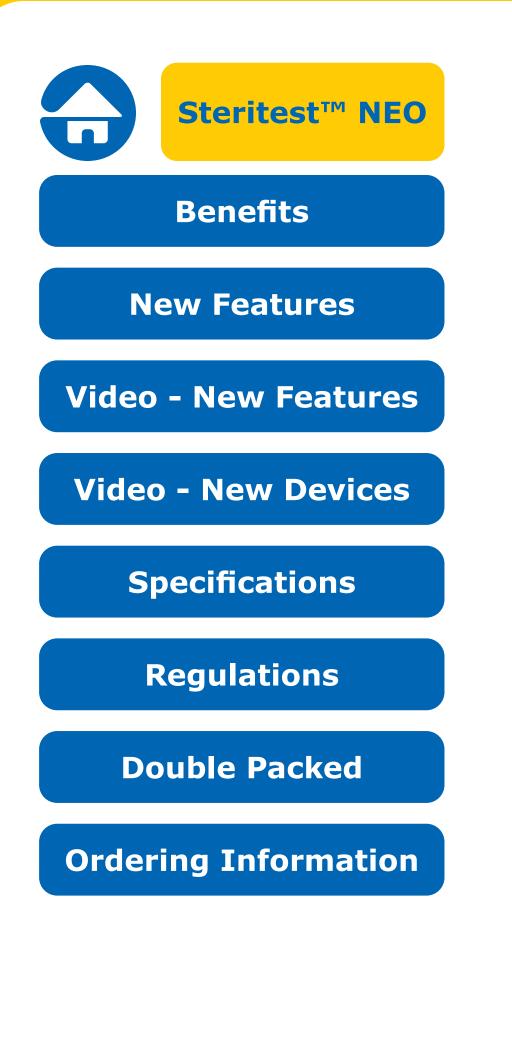


Let us introduce the fourth generation of Steritest<sup>™</sup> devices. Created to improve your workflow safety, reliability and convenience.

Evolution of safety

EVOLUTION OF CONVENIENCE





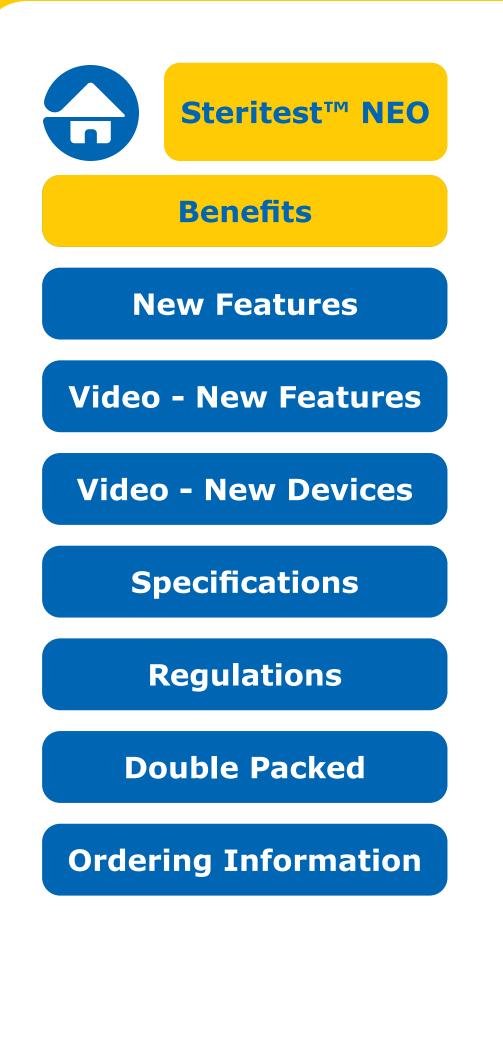
Our Steritest<sup>™</sup> NEO devices simplify every aspect of testing, from handling to traceability, all within a closed system. The ease and convenience of this closed assembly enables you to increase productivity while maintaining the highest levels of quality and reliability. When used with the Steritest<sup>™</sup> Symbio pump, specific accessories and high quality culture media and rinsing fluids, the Steritest<sup>™</sup> 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<sup>™</sup> NEO devices set a new standard for excellence, while maintaining all the advantages of our thermo-sealed filtration membrane assembly.





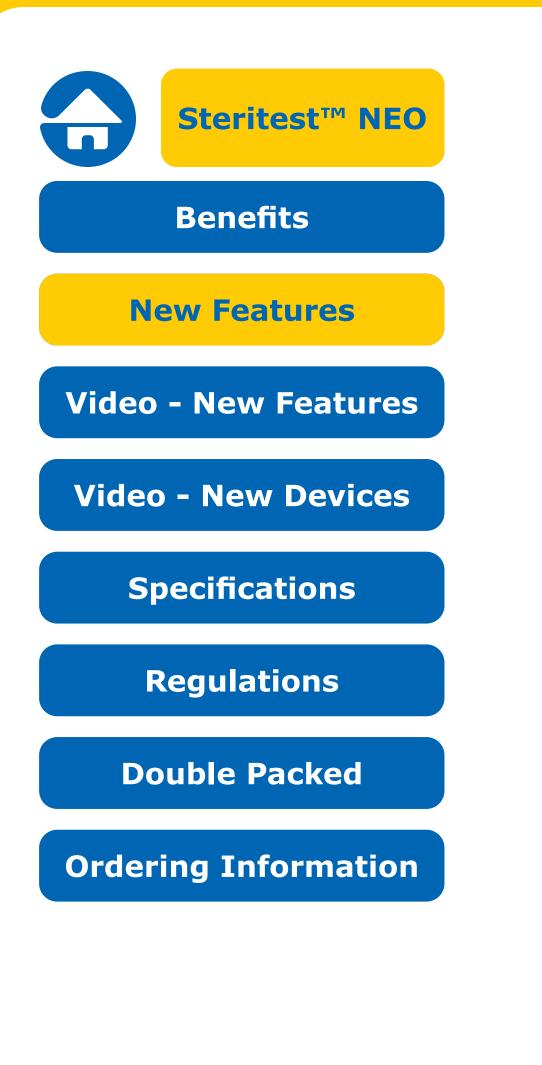


### **Benefits**

- Filtration membranes are thermo sealed onto the base for all of our Steritest<sup>™</sup> 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 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE



#### **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.

#### 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.

#### Feel free: upgraded accessory bag

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

#### Feel comfortable: new placement mark

Be sure to place the Steritest<sup>™</sup> NEO tube in the pump head precisely by using the new placement mark.



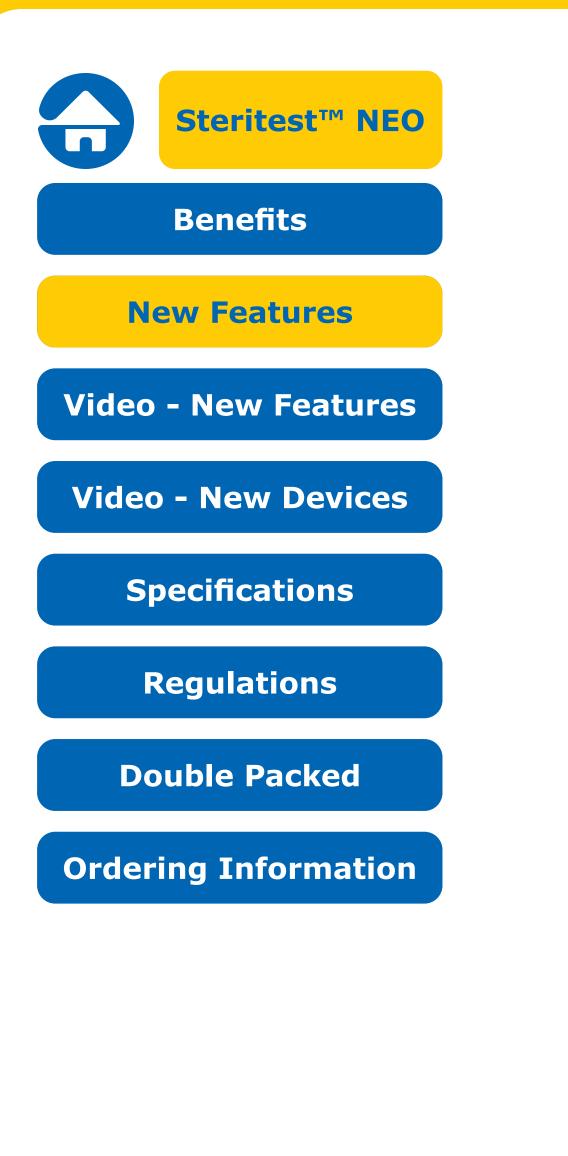


CLICK TO ENLARGE



EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE

to a short or long needle

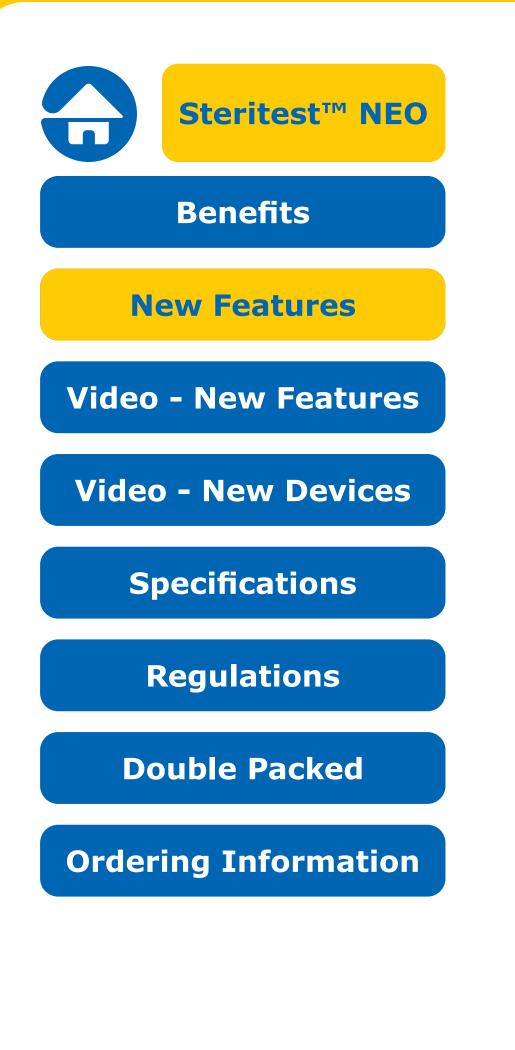


EVOLUTION OF SAFETY

EVOLUTION OF RELIABILITY

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





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

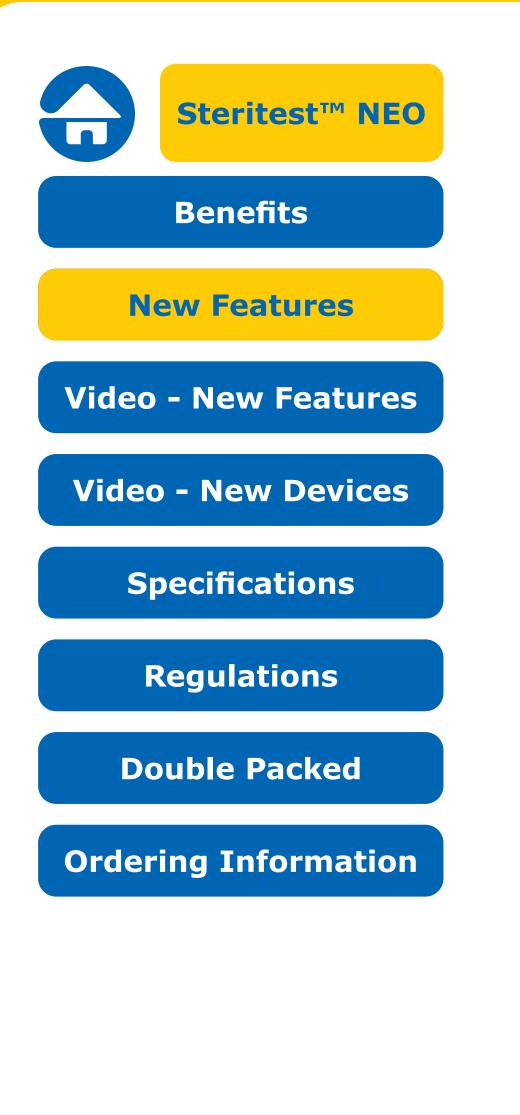
#### EVOLUTION OF CONVENIENCE

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



EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE

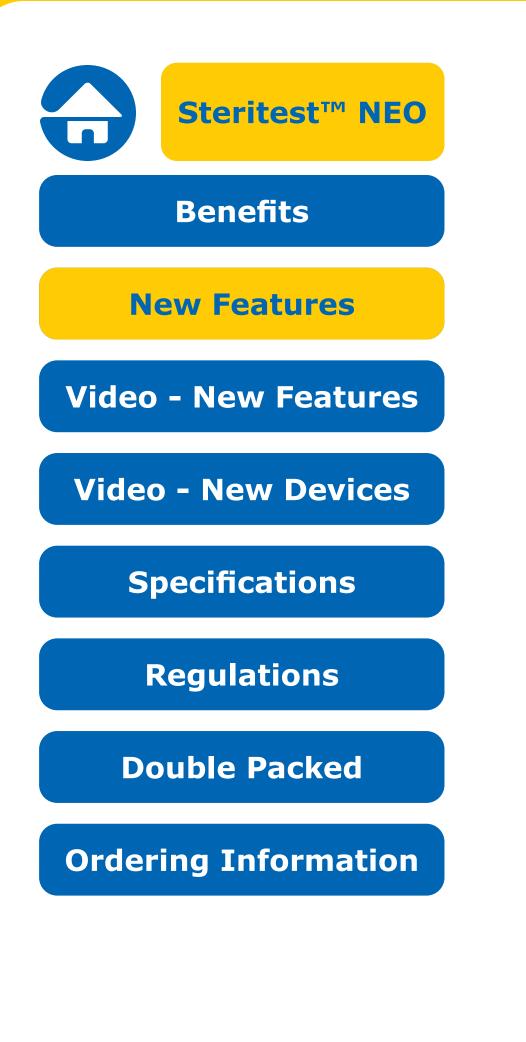
#### Feel free: easy to open accessory bag





EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE

## in the pump head

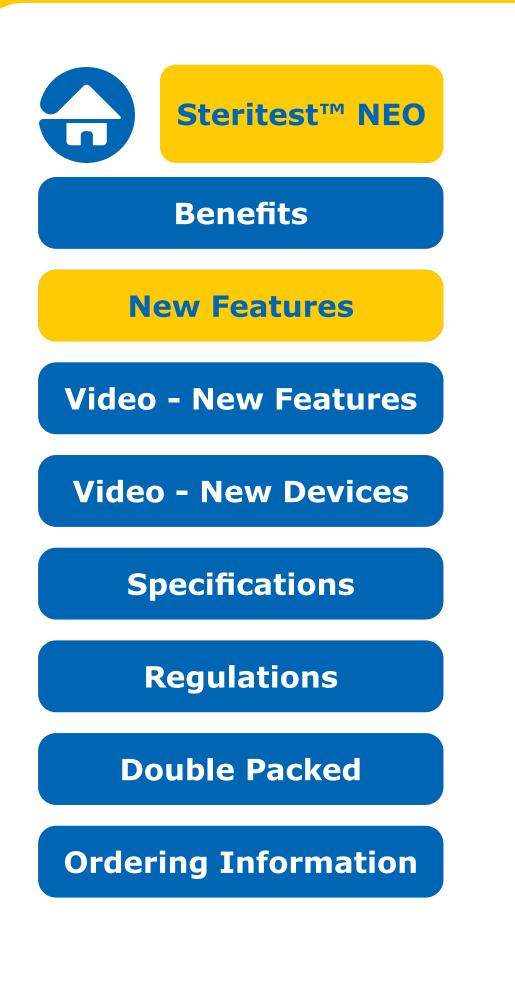


EVOLUTION OF SAFETY

EVOLUTION OF RELIABILITY

#### Feel comfortable: new placement mark optimizing the position of the tube





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE



#### **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.

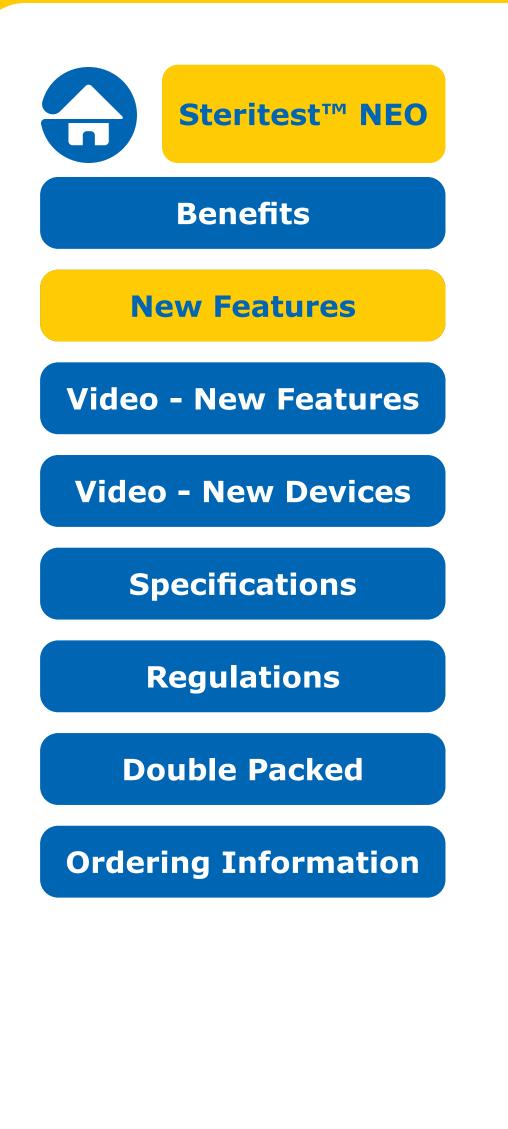
#### Feel safer: new designed needle guard and needle protector

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



EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### EVOLUTION OF CONVENIENCE

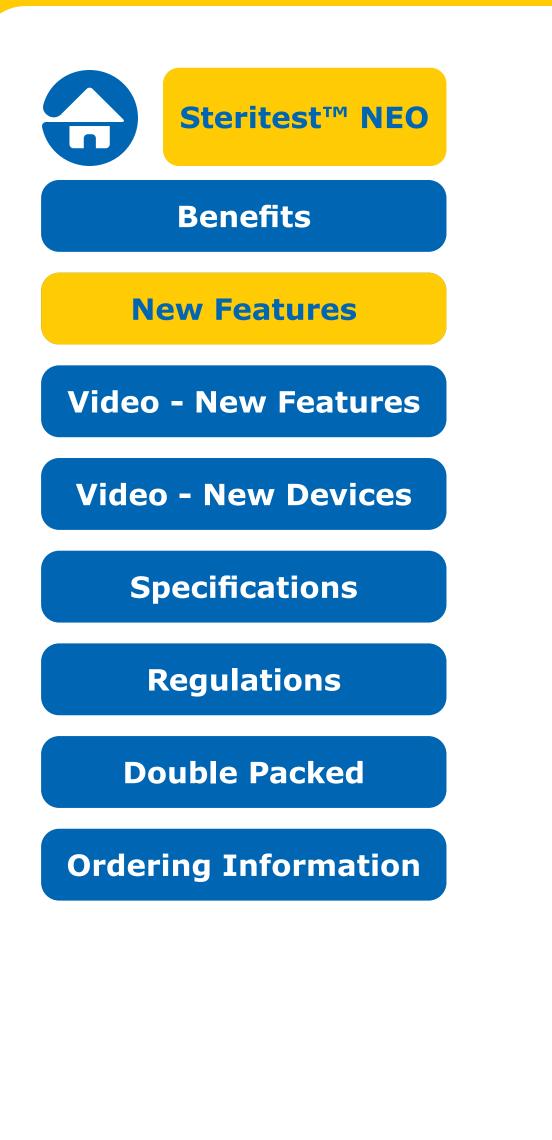
#### **Feel confident: colored clamps**



Complete Sterility Testing Offer

EVOLUTION OF SAFETY





EVOLUTION OF CONVENIENCE

#### Feel safer: newly designed needle guard and needle protector

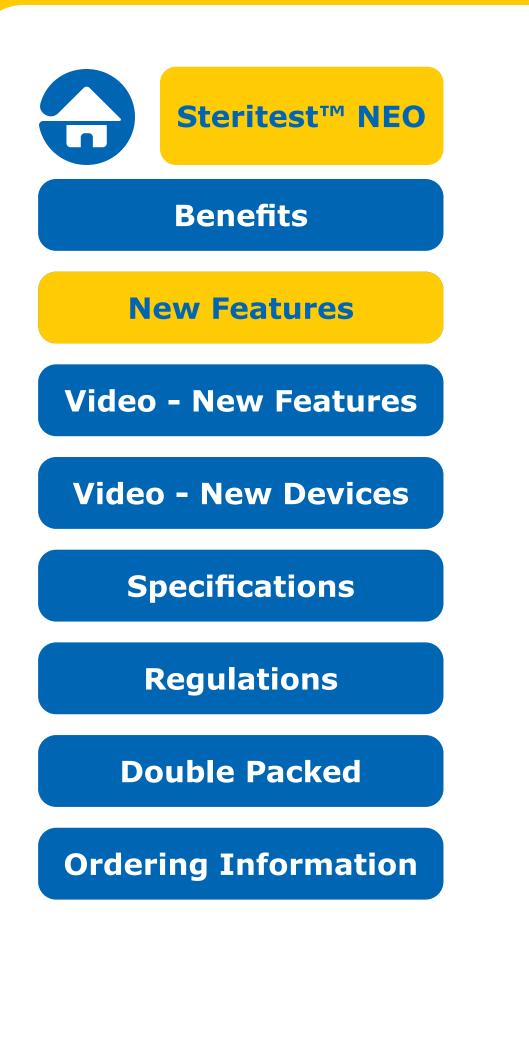


Complete Sterility Testing Offer

### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

#### **EVOLUTION OF CONVENIENCE**



CLICK TO ENLARGE

#### Feel peaceful: optimized identification and traceability

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

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





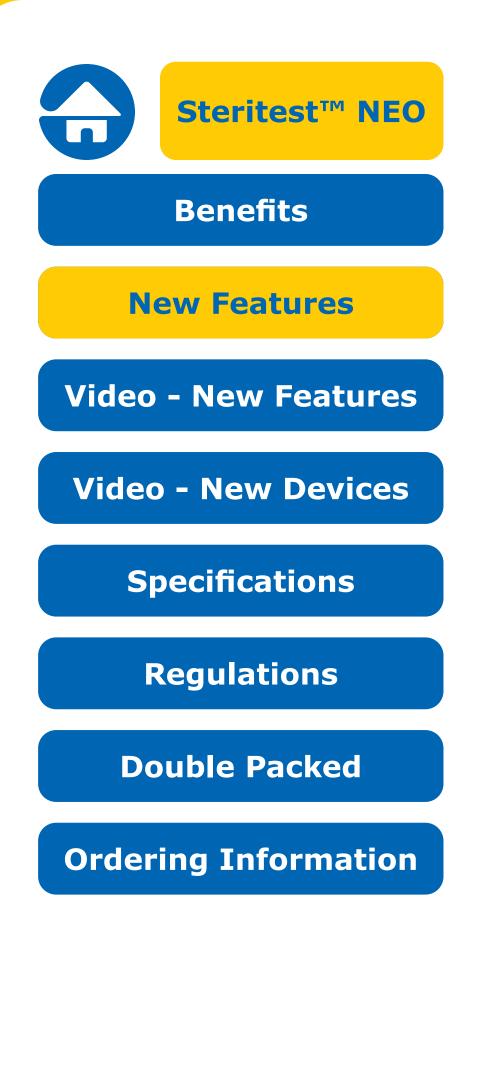
**CLICK TO ENLARGE** 

#### 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<sup>™</sup> NEO canisters.

EVOLUTION OF SAFETY





### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

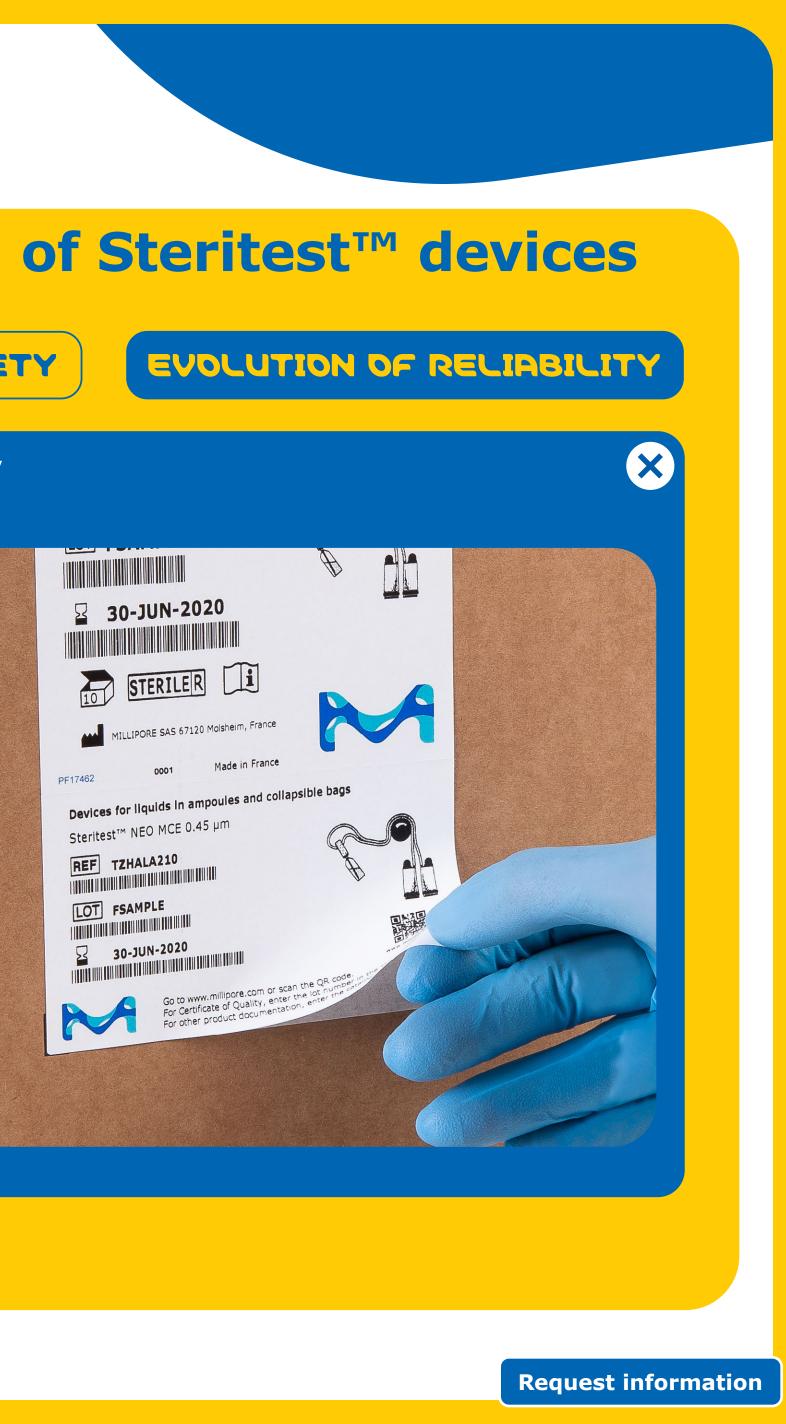
#### **EVOLUTION OF CONVENIENCE**

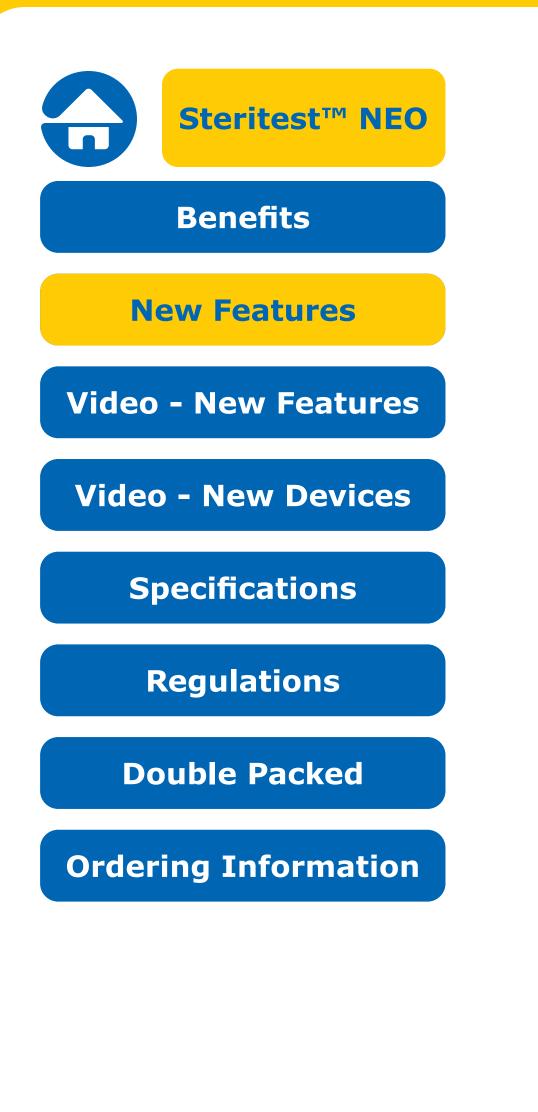
#### Feel peaceful: optimized identification and traceability



EVOLUTION OF SAFETY



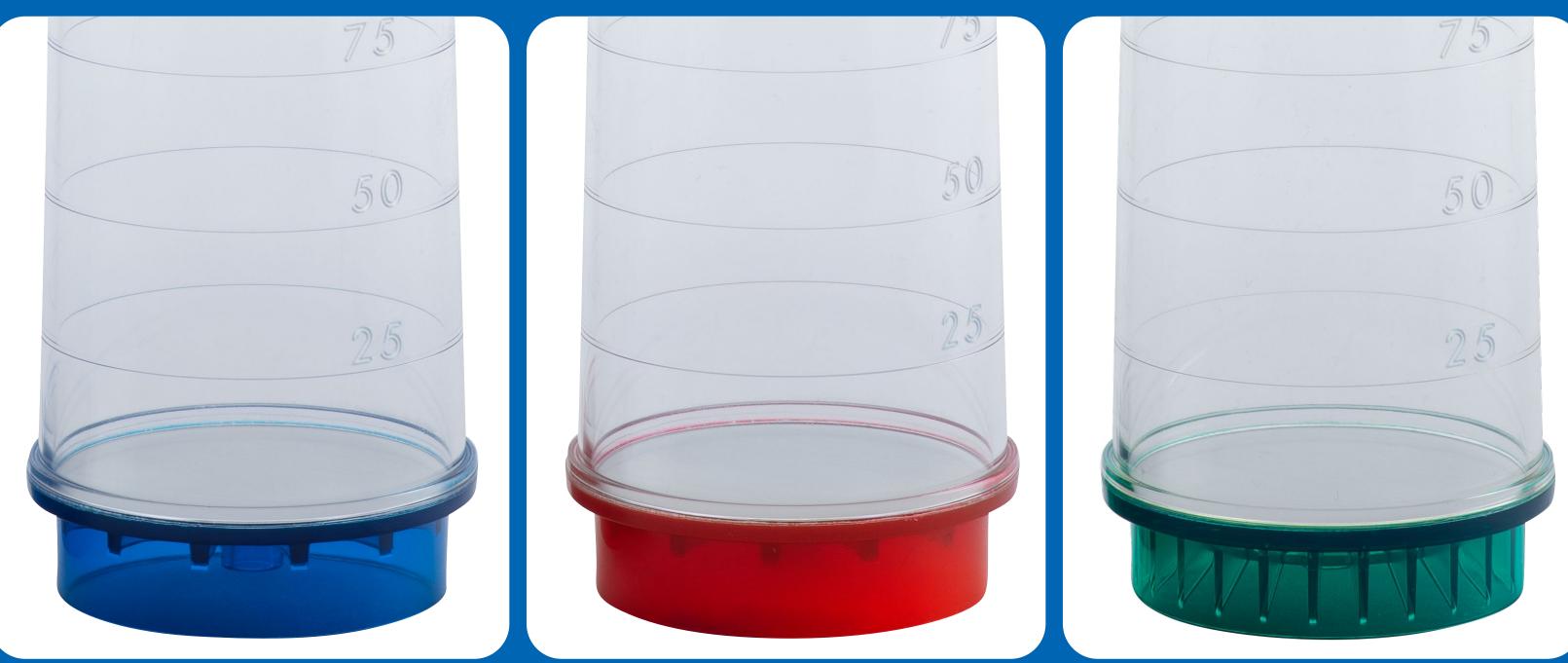




### New features of the 4<sup>th</sup> generation of Steritest<sup>™</sup> devices

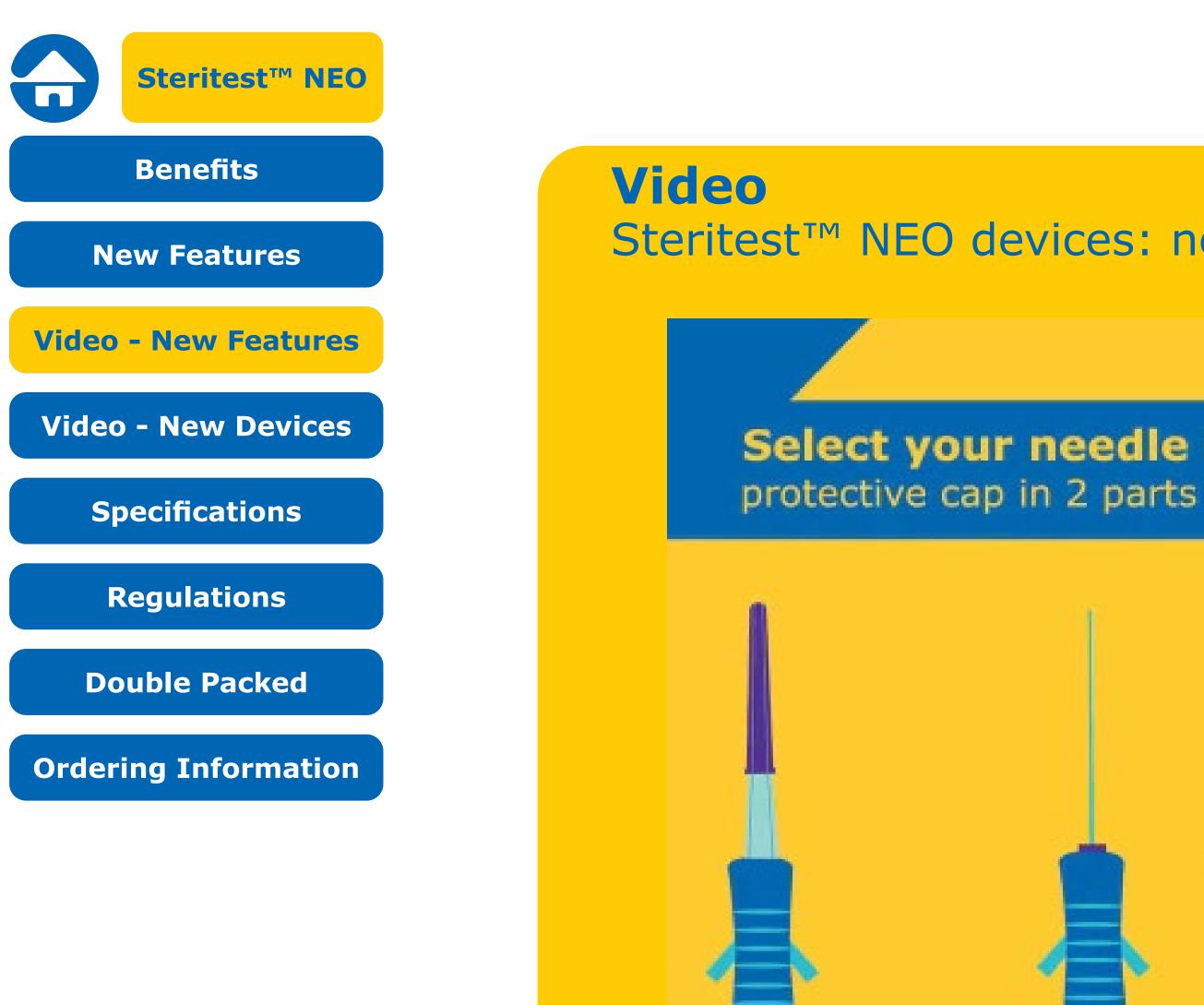
#### EVOLUTION OF CONVENIENCE

#### Feel sure: volume graduation on the canisters



EVOLUTION OF SAFETY

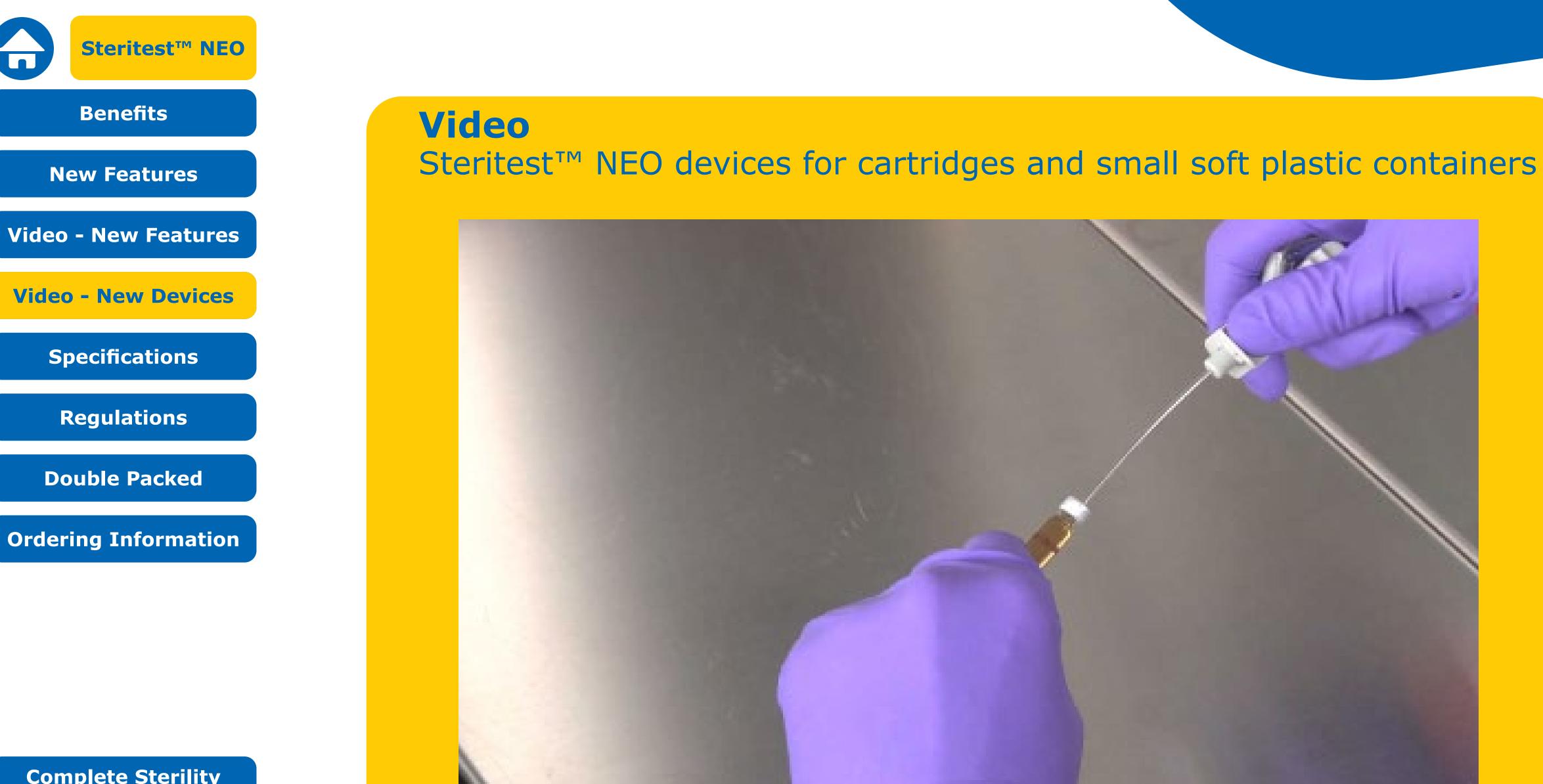




## Steritest<sup>™</sup> NEO devices: new features

# Select your needle length









#### **Steritest<sup>™</sup> NEO** "Blue Base" devices

for products WITHOUT antimicrobial agents and medical devices

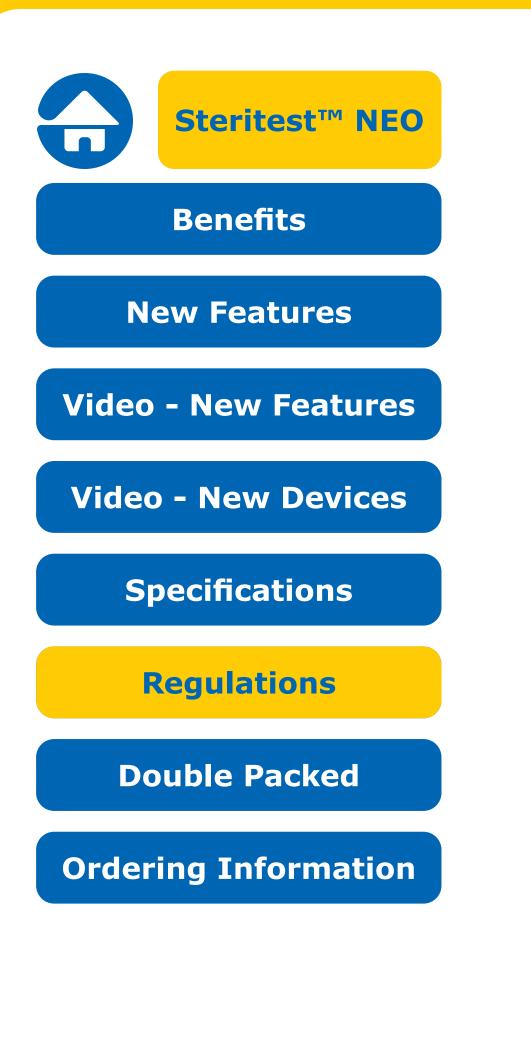
#### **Steritest<sup>™</sup> NEO** "Green Base" devices

for products dissolved in solvents requiring increased chemical compatibility

	Red	Green
Ilulose (HA) Im	Low adsorption Durapore <sup>®</sup> membrane (HV), 0.45 µm hydrophilic PVDF	Low adsorption Durapore <sup>®</sup> membrane (HV), 0.45 µm hydrophilic PVDF
ile Ith I 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
n marks at 25, L)	120 mL (graduation marks at 25, 50, 75 and 100 mL)	120 mL (graduation marks at 25, 50, 75 and 100 mL)
0 mbar (10 psi)	300 mL/min at 690 mbar (10 psi)	300 mL/min at 690 mbar (10 psi)
	45 °C	45 °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)
	Gamma irradiation	Gamma irradiation
ck here	Click here	Click here







## **Regulations and Industry benchmark**

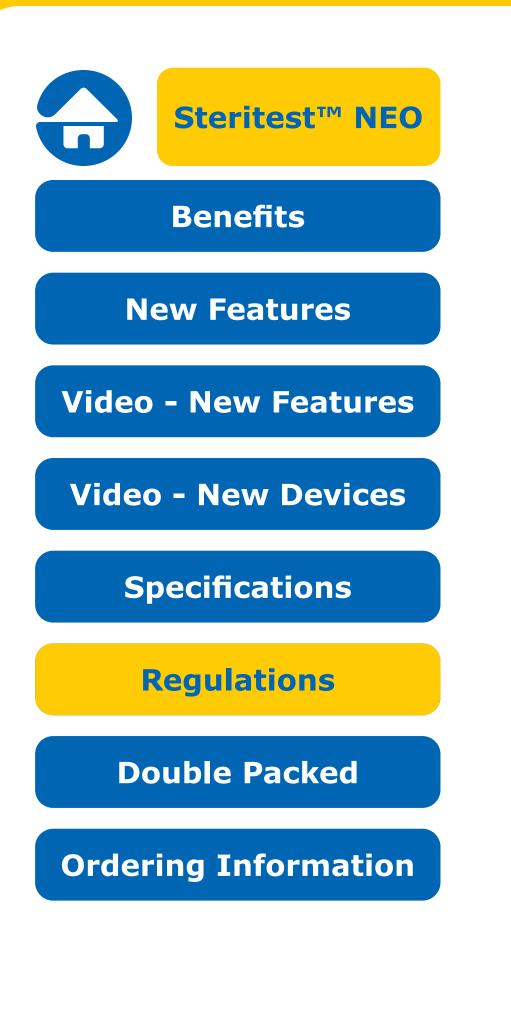
Regulations



#### 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>.





## **Regulations and Industry benchmark**

Regulations



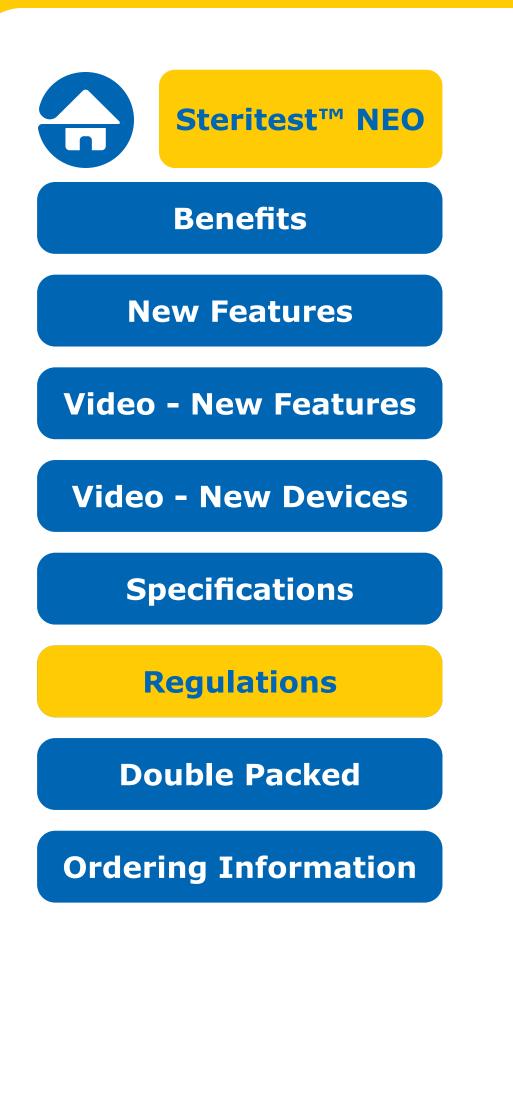
#### **Closed Environment**

Using Steritest<sup>™</sup> 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<sup>™</sup> NEO closed system.

Minimize false positives: closed Steritest<sup>™</sup> 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<sup>™</sup> 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.





## **Regulations and Industry benchmark**

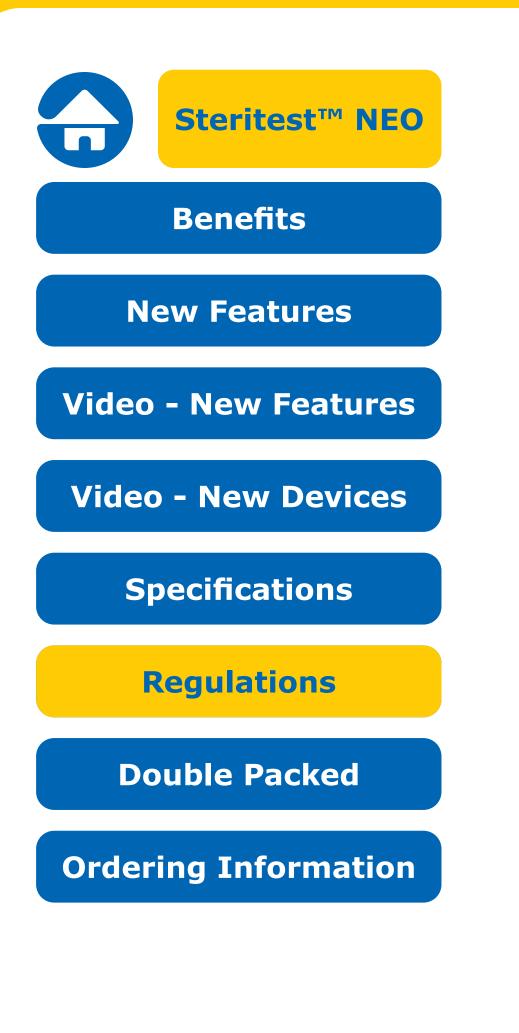
Regulations



#### **Consistent Performance**

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





## **Regulations and Industry benchmark**

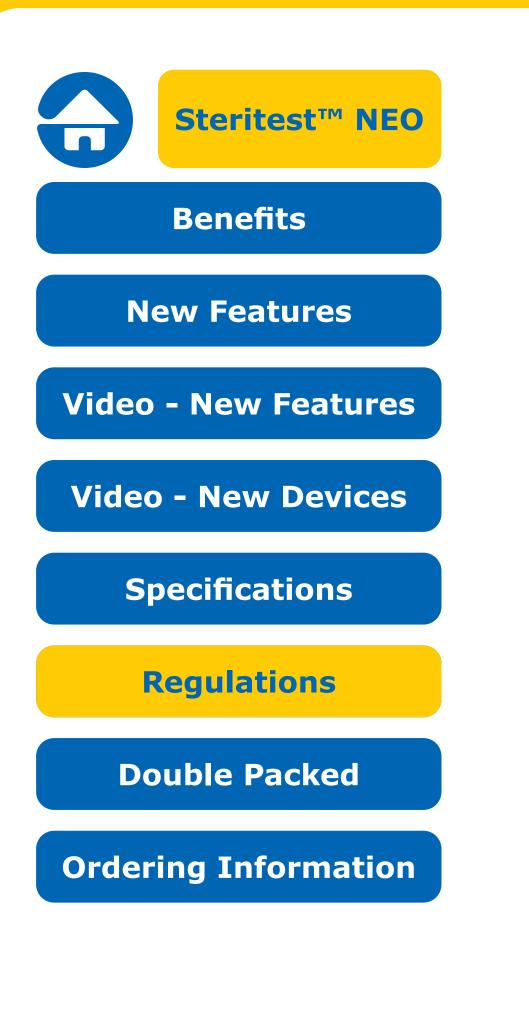
Regulations



#### **Certificates of Quality**

Each Steritest<sup>™</sup> 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

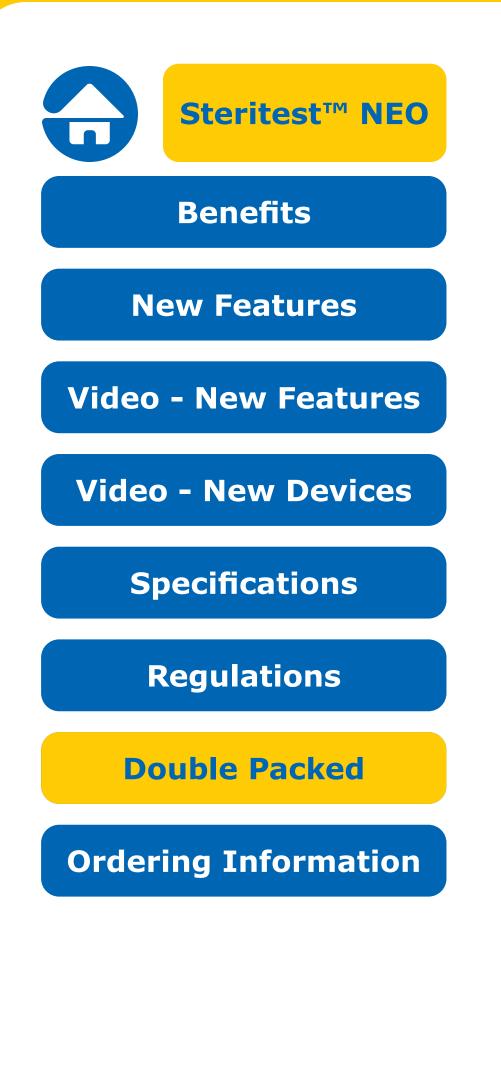


## **Documented Qualification**

We have compiled comprehensive Steritest<sup>™</sup> Qualification Reports (available upon request) that confirms Steritest<sup>™</sup> NEO device performance.

**Complete Sterility Testing Offer** 





## **Steritest™ NEO Double-Packed,** Gamma Sterilized Sterility Testing Device

## FEATURES

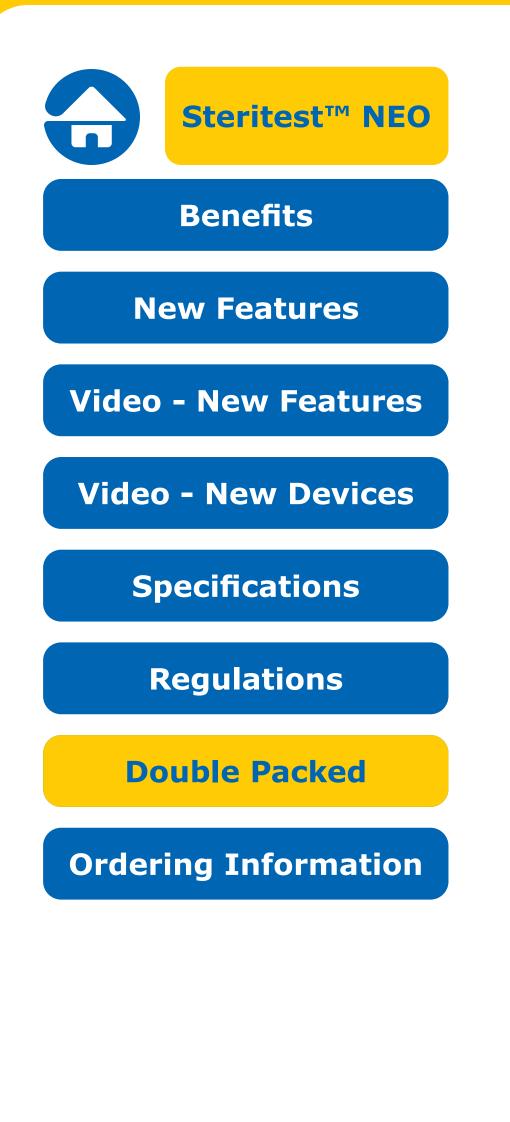
- Gamma sterilized and double packed for quick transfer into sterility testing environments, simplifying decontamination procedures and saving time.
- Sealed bag provides optimum decontamination of the outer bag and easy bag opening.
- Outer packaging materials ensure complete integrity of the bags during 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



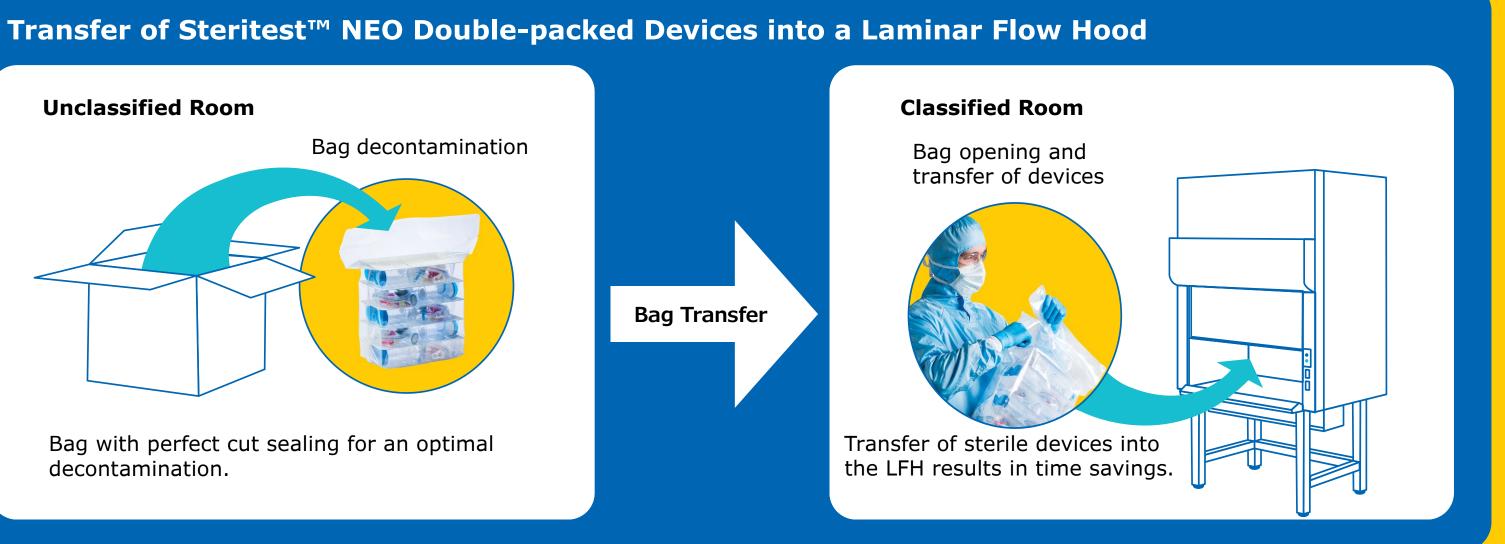


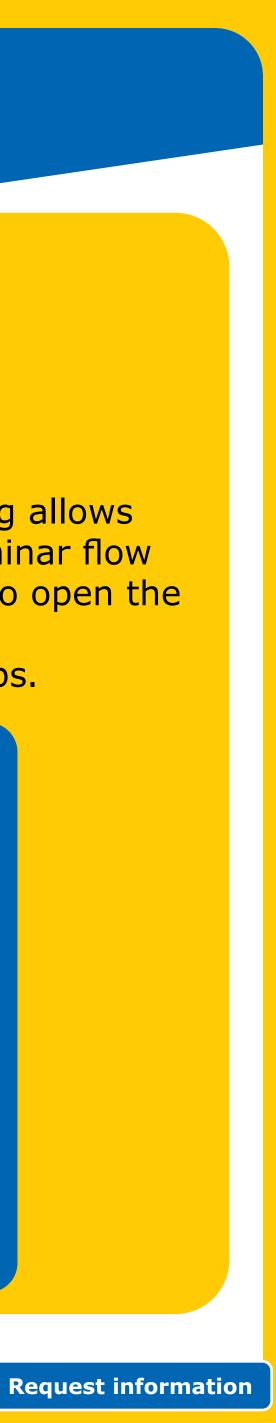


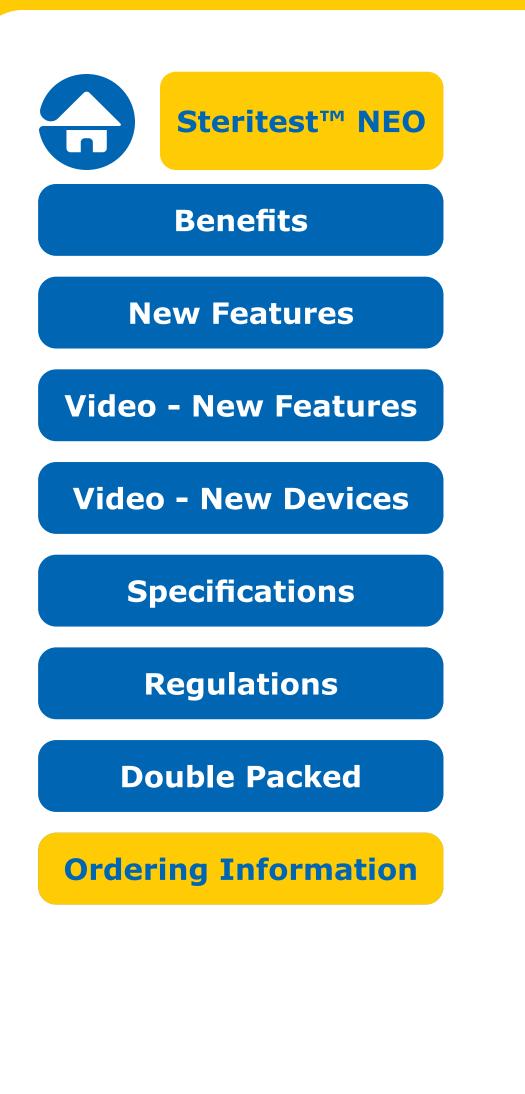
## **Steritest<sup>™</sup> NEO Double-Packed**, Gamma Sterilized Sterility Testing Device

### DOUBLE PACKAGING SAVES TIME

Steritest<sup>™</sup> 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.







## **Ordering Information**

Steritest<sup>™</sup> 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<sup>™</sup> 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**

**Steritest<sup>™</sup> NEO "Red Base" devices** for antibiotics, products WITH antimicrobial agents and medical devices.

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

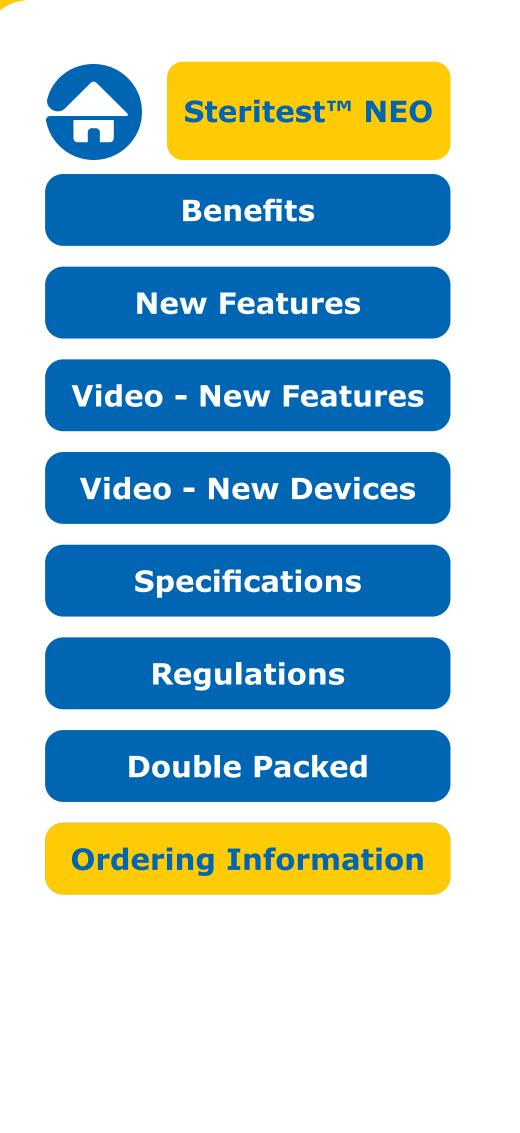
#### **Ordering Table**

**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**

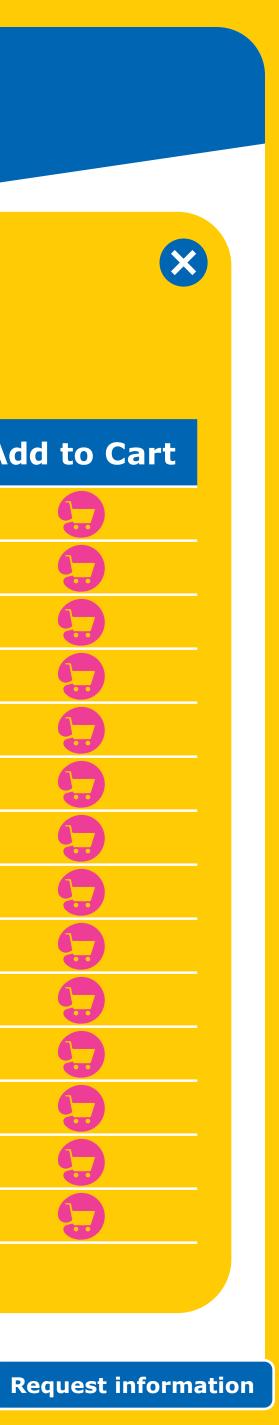
#### **Steritest™ NEO "Blue Base" Devices** for products WITHOUT antimicrobial agents and medical devices

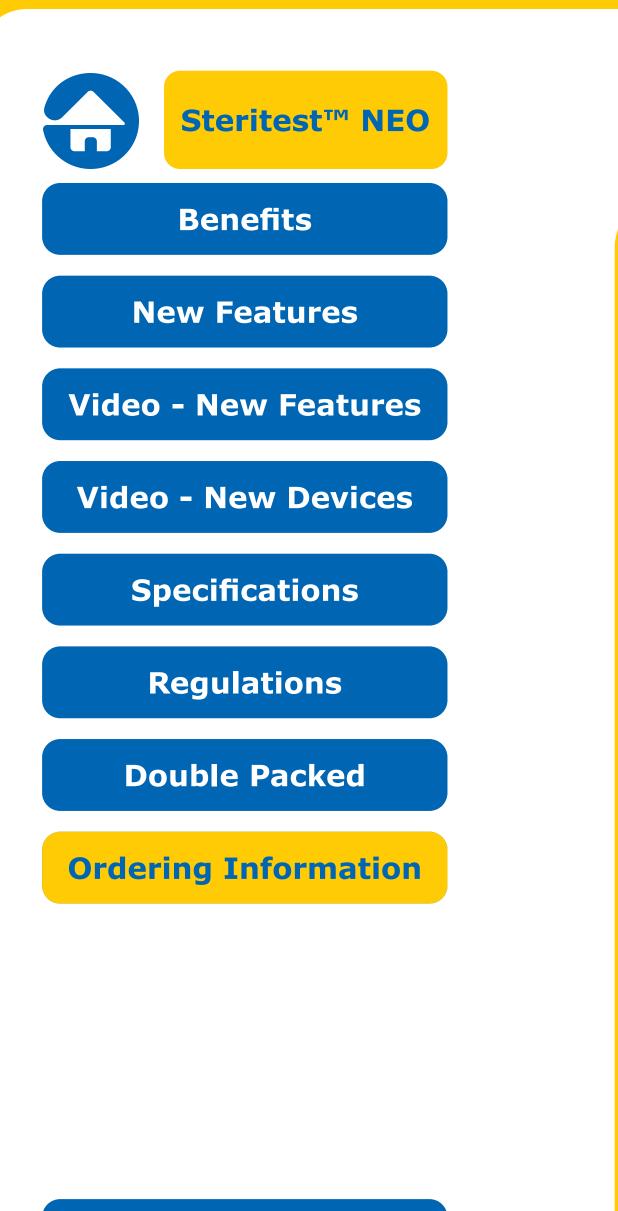
#### Application

Steritest™	NEO	Devices	for	Liquids	in Ar
Steritest™	NEO	Devices	for	Liquids	in Ar
Steritest™	NEO	Devices	for	Liquids	in Co
Steritest™	NEO	Devices	for	Liquids	in Co
Steritest™	NEO	Devices	for	Liquids	in La
Steritest™	NEO	Devices	for	Liquids	in La
Steritest™	NEO	Devices	for	Liquids	in Sr
Steritest™	NEO	Devices	for	Liquids	in Sr
Steritest™	NEO	Devices	for	Soluble	Pow
Steritest™	NEO	Devices	for	Soluble	Pow
Steritest™	NEO	Devices	for	Medical	Dev
Steritest™	NEO	Devices	for	Liquids	in Sy
Steritest™	NEO	Devices	for	Liquids	in Pla
NEW Steri	test™	<sup>1</sup> NEO De	evic	es for Li	iquid
		DP =	Do	uble Pa	cked



	Product #	More Information	Add to Ca
mpoules	TZHALA210		9
mpoules DP	TZHALA205		9
ollapsible Bags	TZHALA210		9
ollapsible Bags DP	TZHALA205		9
arge Vials	TZHALV210		9
arge Vials DP	TZHALV205		9
mall Vials	TZHASV210		9
mall Vials DP	TZHASV205		9
ders in Vials	TZHADV210		9
ders in Ampoules	TZHADA210		9
ices and Collapsible Bags	TZHAMD210		9
yringes	TZHASY210		9
astic Containers	TZHAPC210		9
s in Cartridges	TZHACA210		9





## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
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Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Medic
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
NEW Steri	test™	<sup>1</sup> NEO De	evices for

for products WITHOUT antimicrobial agents and medical devices

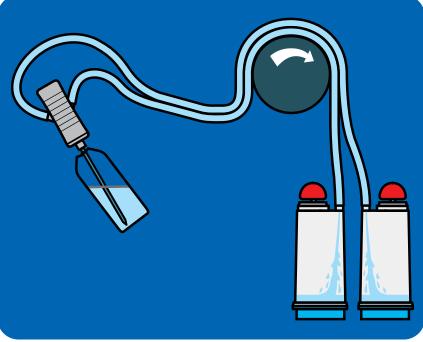
Product #	More Information	Add to Ca

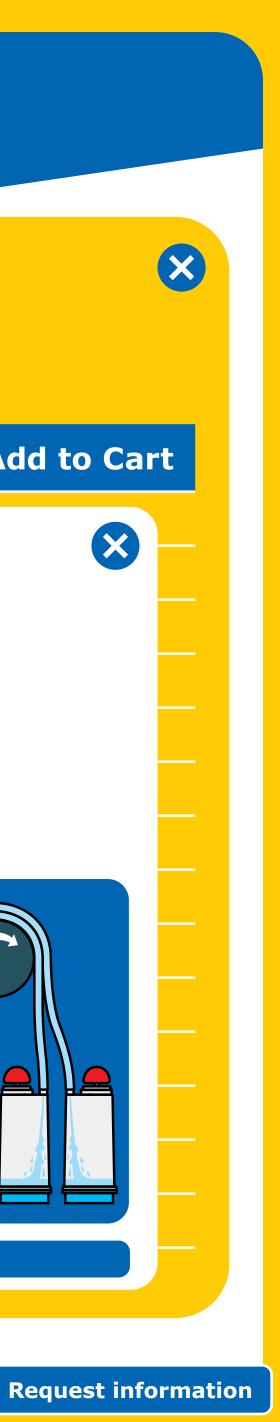
#### **Steritest™ NEO Devices for Liquids in Ampoules** (TZHALA210)

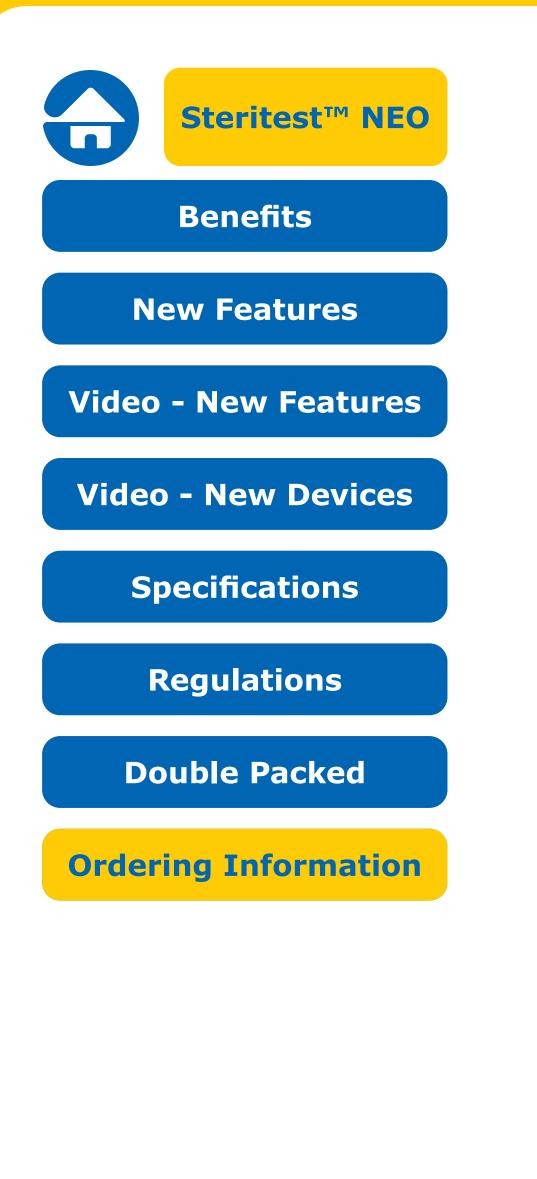
• Single needle for easy access to ampoules

• 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		







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for	Liquid	-
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Solub	
Steritest™	NEO	Devices	for	Solub	
Steritest™	NEO	Devices	for	Medic	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
NEW Steri	test™	<sup>1</sup> NEO De	evic	es for	

for products WITHOUT antimicrobial agents and medical devices

<b>Product</b> #	More Information	Add to Ca

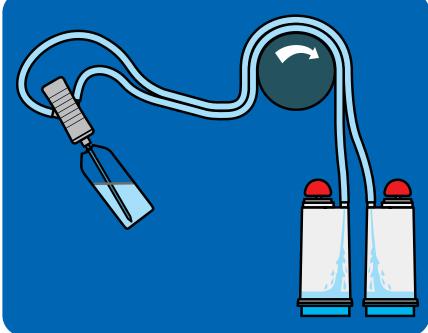
#### **Steritest™ NEO Devices for Liquids in Ampoules -Double-Packed (TZHALA205)**

• Single needle for easy access to ampoules

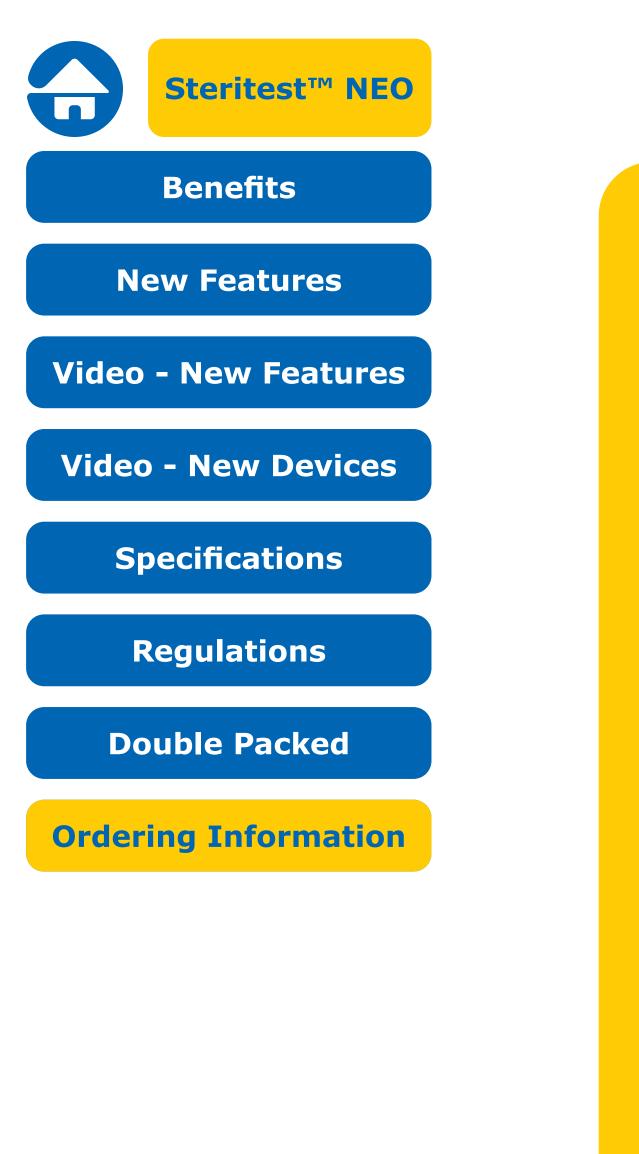
• Separate vent needle

• Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 $\mu$ m
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 <sup>®</sup> 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







**Complete Sterility** 

**Testing Offer** 

## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Medic
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
NEW Steri	test™	<sup>1</sup> NEO De	evices for

for products WITHOUT antimicrobial agents and medical devices

		Product #	More Information	Add to Ca
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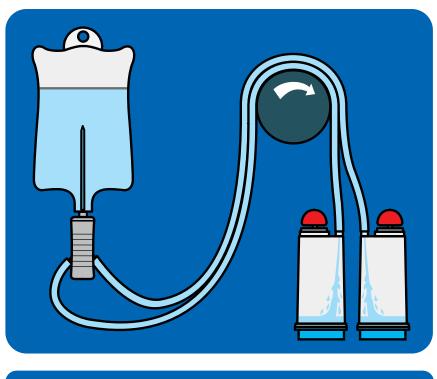
#### **Steritest<sup>™</sup> NEO Devices for Liquids** in Collapsible Bags (TZHALA210)

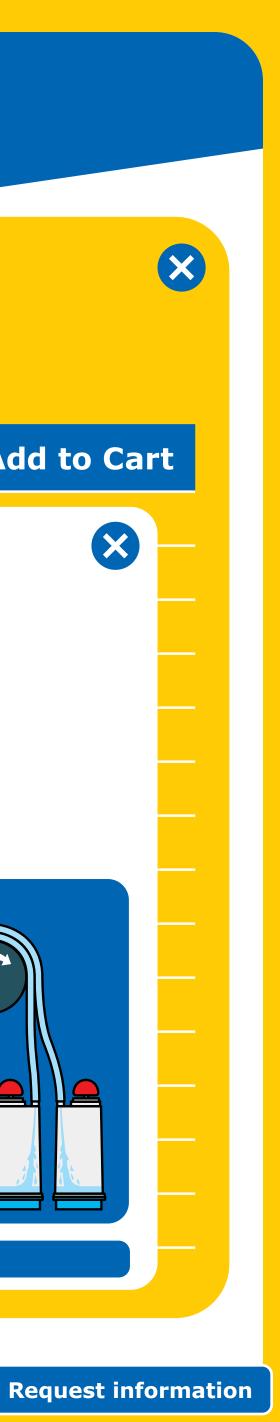


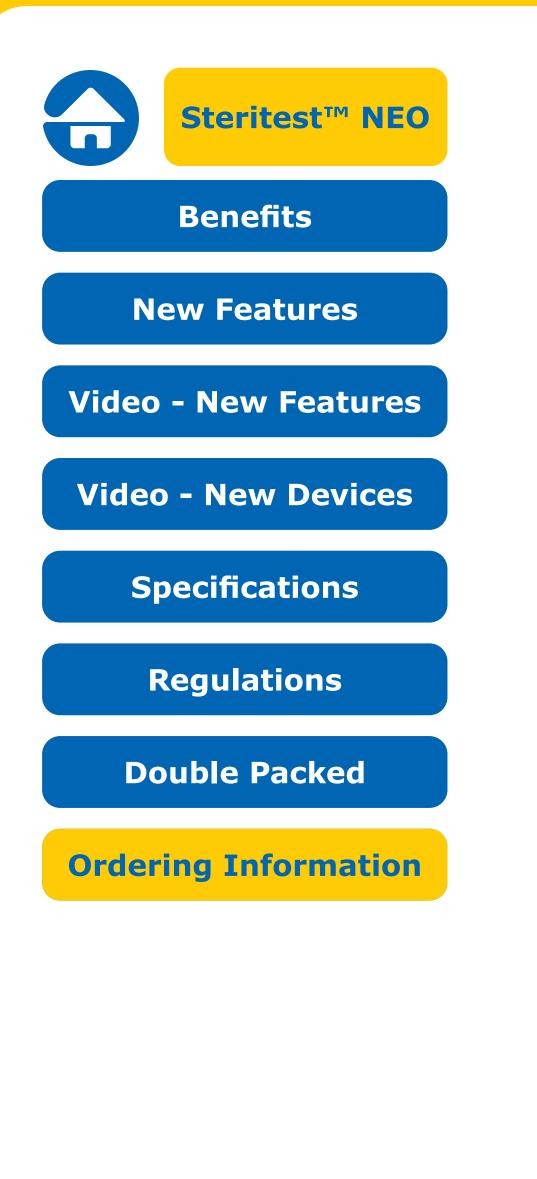
• Single needle for easy access to collapsible bags

• 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 <sup>®</sup> 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		







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Solub	
Steritest™	NEO	Devices	for	Solub	
Steritest™	NEO	Devices	for	Medic	
Steritest™	NEO	Devices	for	Liquid	
Steritest™	NEO	Devices	for	Liquid	
NEW Steri	test™	<sup>1</sup> NEO De	evic	es for	

for products WITHOUT antimicrobial agents and medical devices

100mL	100mb
75	
	25

More

Information

#### **Steritest<sup>™</sup> NEO Devices for Liquids** in Collapsible Bags - Double-Packed (TZHALA205)

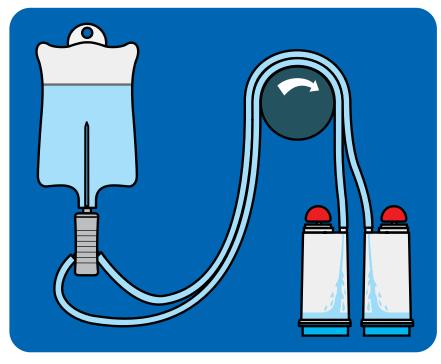
**Product #** 

• Single needle for easy access to collapsible bags

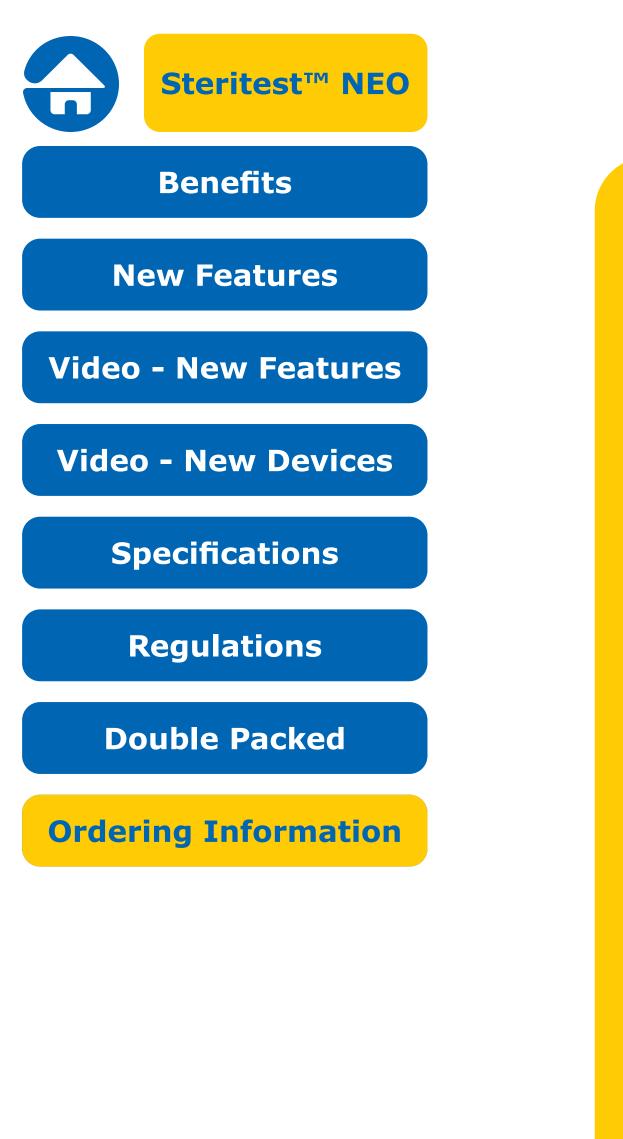
• Separate vent needle

• 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 <sup>®</sup> 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







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**Testing Offer** 

## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Solub	
Steritest™ NEO Devices for Solub	
Steritest™ NEO Devices for Medic	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	

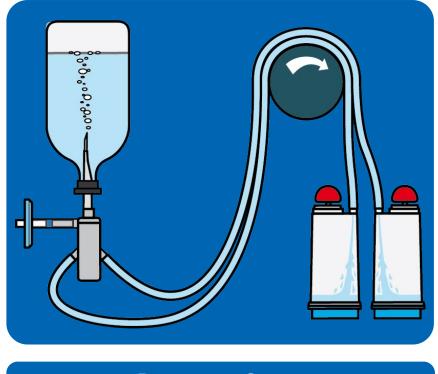
for products WITHOUT antimicrobial agents and medical devices

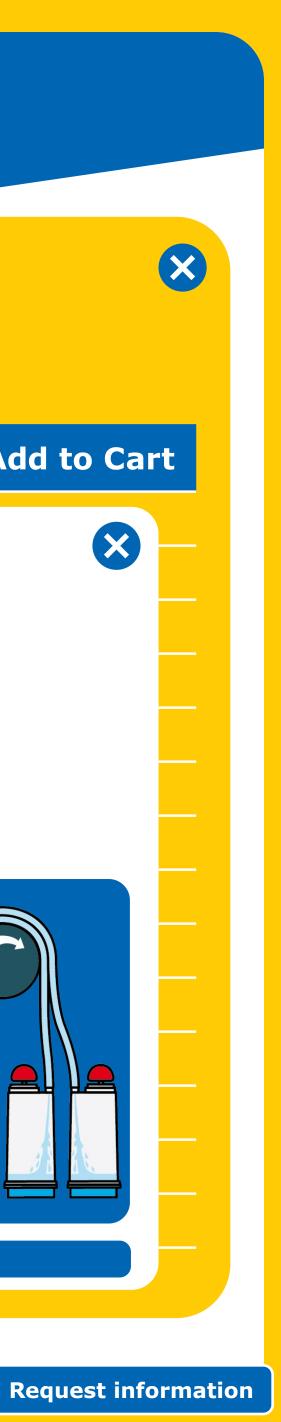
Product #	More Information	Add to Ca

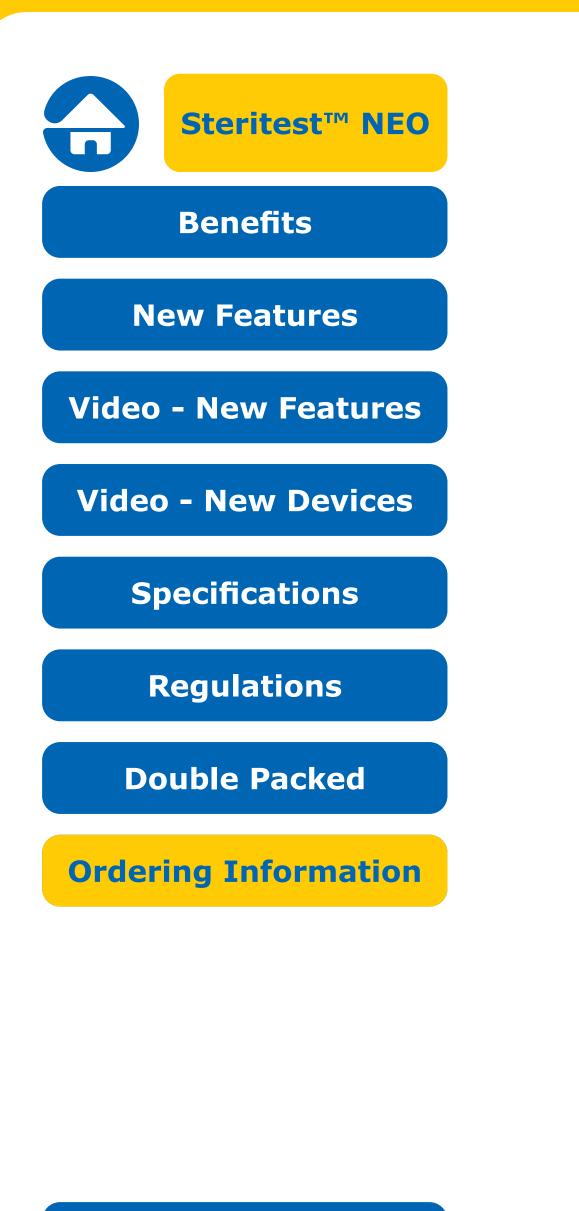
#### **Steritest™ NEO Devices for Liquids in Large Vials (TZHALV210)**

• 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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Medic
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
NEW Steri	test™	<sup>1</sup> NEO De	evices for

for products WITHOUT antimicrobial agents and medical devices

	roduct #	More	Add to Ca
75 50 50			
75 75	25	28	
100mL 100mL	75		
	100mL	100mb	

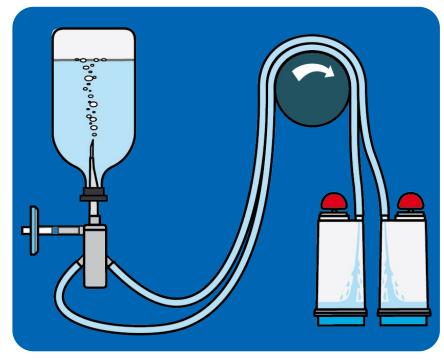
Information

## **Steritest™ NEO Devices for Liquids in Large Vials -Double-Packed (TZHALV205)**

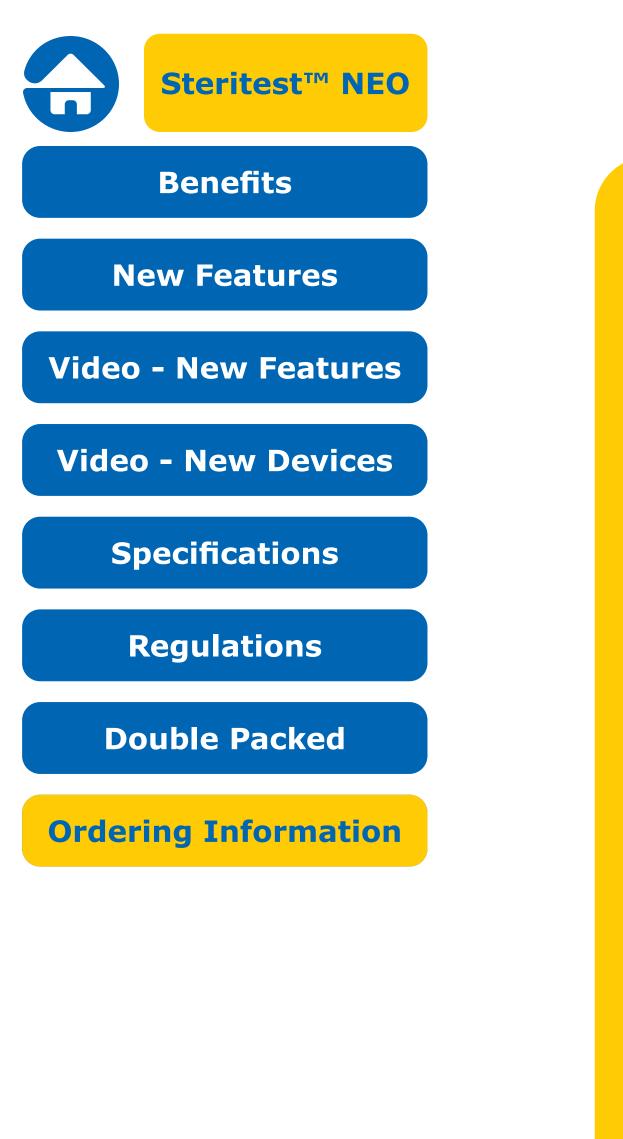
**Product #** 

• 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 <sup>®</sup> 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







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## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Solub	
Steritest™ NEO Devices for Solub	
Steritest™ NEO Devices for Medic	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	

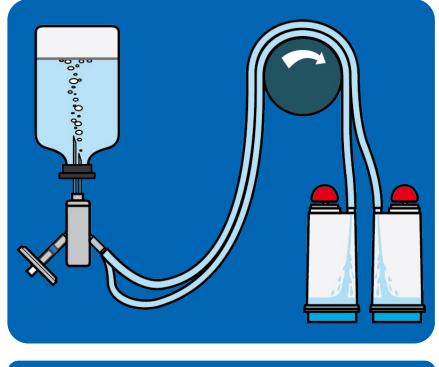
for products WITHOUT antimicrobial agents and medical devices

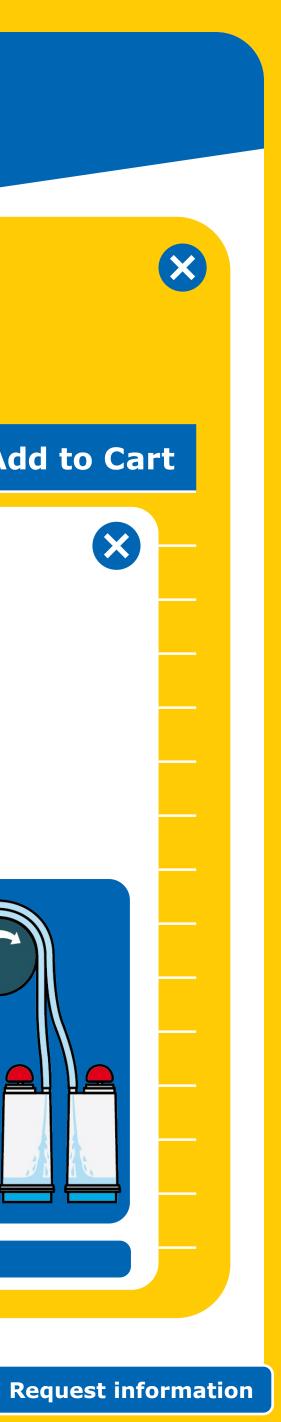
<b>Product</b> #	More Information	Add to Ca

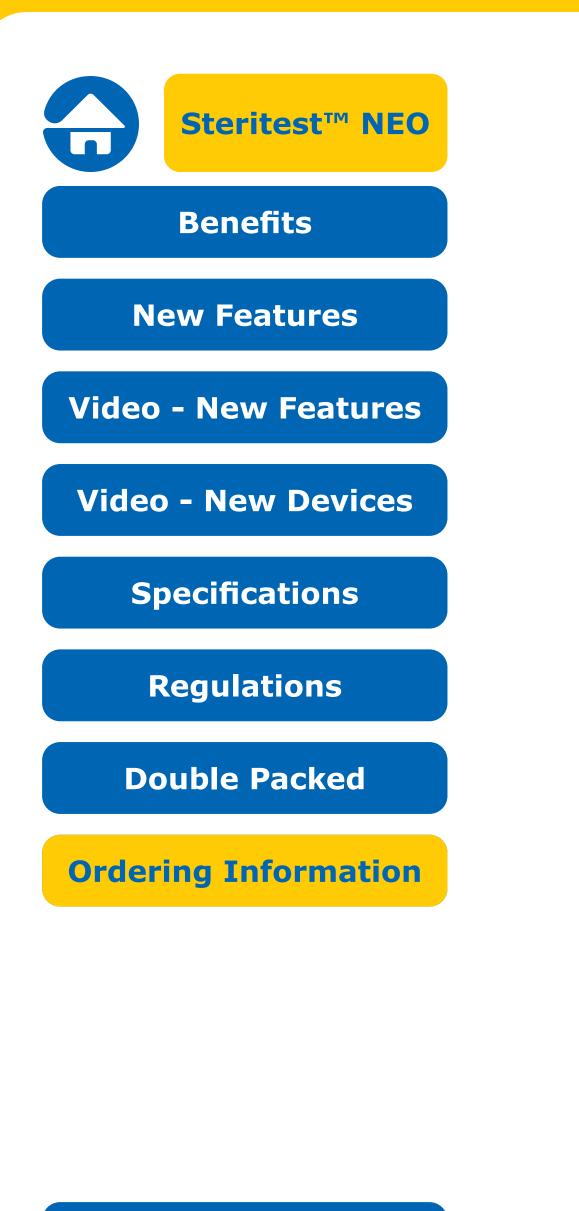
#### **Steritest<sup>™</sup> NEO Devices for Liquids in Small Vials (TZHASV210)**

• 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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Solub
Steritest™	NEO	Devices	for Medic
Steritest™	NEO	Devices	for Liquid
Steritest™	NEO	Devices	for Liquid
NEW Steri	test™	<sup>1</sup> NEO De	evices for

for products WITHOUT antimicrobial agents and medical devices

100mL     100mL       75     75       50     50		
100mL 100mL 75 50 30		
75 50 50		
75 50 50	100mL	
	25	

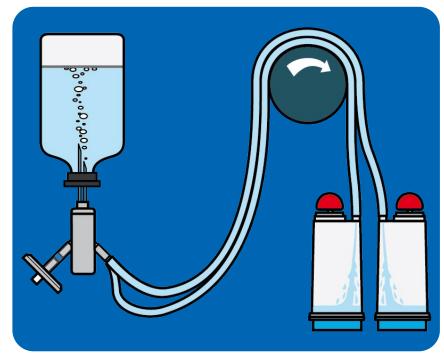
Product #	More Information	Add to Ca
e fer Lieuide i		

#### Steritest<sup>™</sup> NEO Devices for Liquids in Small Vials -**Double-Packed (TZHASV205)**

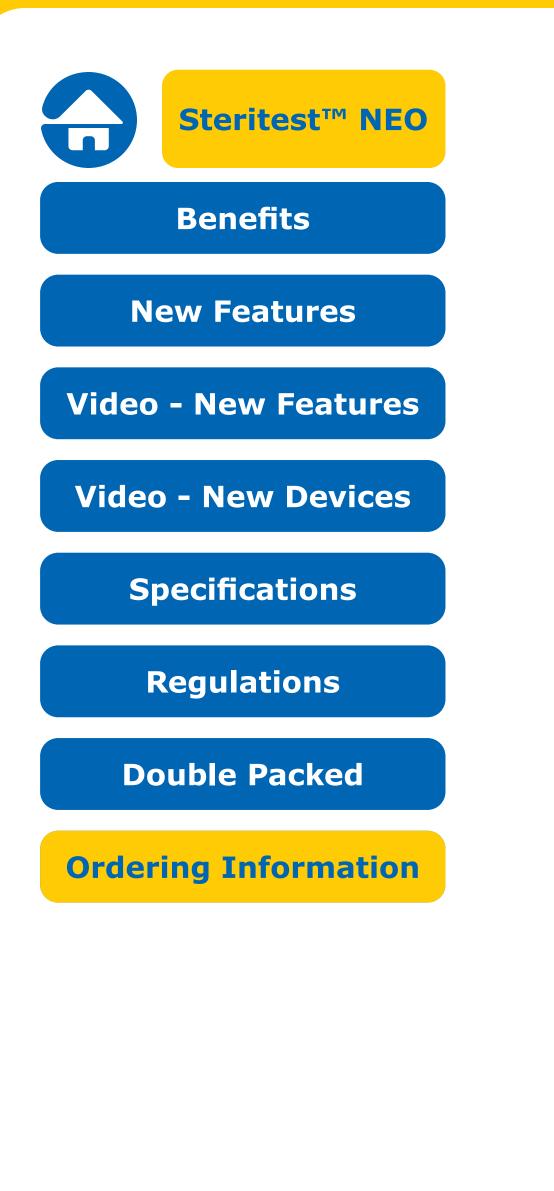
• Vented double needle for small vials with septa

• Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Mixed Esters of Cellulose (HA) membrane, 0.45 $\mu m$
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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™ NEO Devices for Liquid	<u></u>
Steritest™ NEO Devices for Liquid	Sto
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	• D
Steritest <sup>™</sup> NEO Devices for Liquid	• V
Steritest <sup>™</sup> NEO Devices for Liquid	• S
Steritest <sup>™</sup> NEO Devices for Liquid	tr
Steritest <sup>™</sup> NEO Devices for Liquid	Cani
Steritest <sup>™</sup> NEO Devices for Solub	Mate Prim
Steritest <sup>™</sup> NEO Devices for Solub	Filtra
Steritest <sup>™</sup> NEO Devices for Medic	Need Sam
Steritest™ NEO Devices for Liquid	Minir
	Maxi
Steritest <sup>™</sup> NEO Devices for Liquid	Maxi
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	Steri
	Stell

for products WITHOUT antimicrobial agents and medical devices

100mL 75 50 50 50			
100mL 75 50 50			
	75		
	25		

Product #	More Information	Add to Ca
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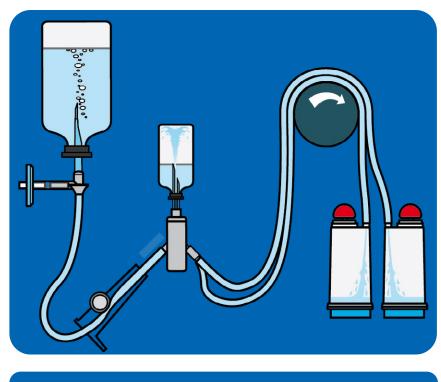
## **Steritest™ NEO Devices for Soluble Powders in Vials ⊗ (TZHADV210)**

• Double needles for small vials with septa

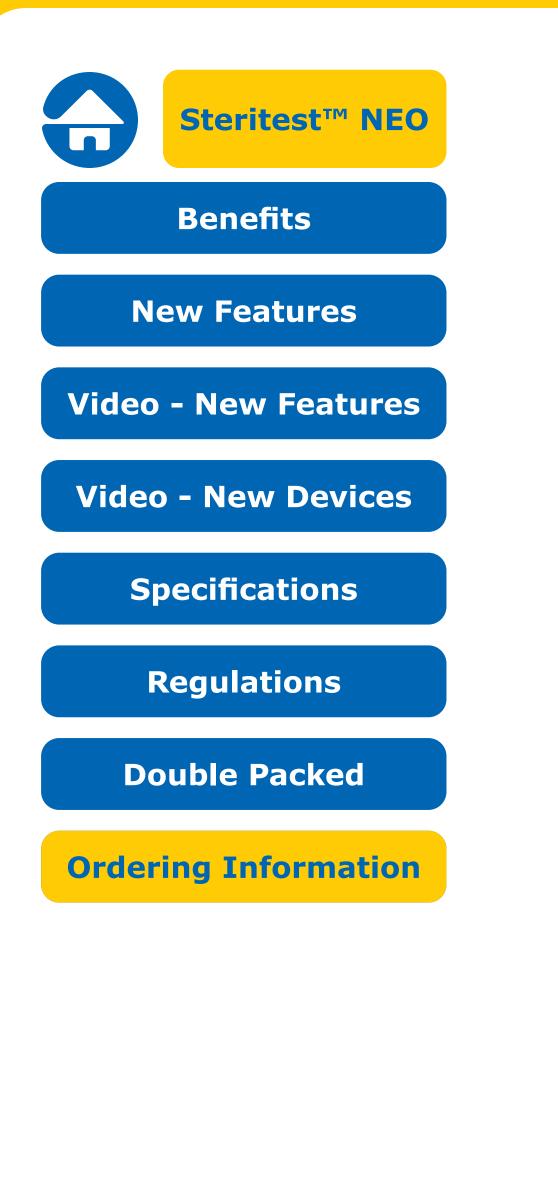
• Vented double needle

• 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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™ NEO	Devices	for	Liquid		
Steritest™ NEO	Devices	for	Liquid		st
Steritest™ NEO	Devices	for	Liquid		n
Steritest™ NEO	Devices	for	Liquid	•	S
Steritest™ NEO	Devices	for	Liquid	•	V
Steritest <sup>™</sup> NEO	Devices	for	Liquid	•	S
Steritest™ NEO	Devices	for	Liquid		tr
Steritest™ NEO	Devices	for	Liquid	C	Cani
Steritest™ NEO	Devices	for	Solub		late rim
Steritest™ NEO	Devices	for	Solub	C	iltra Dout
Steritest™ NEO	Devices	for	Medic		leec Sam
Steritest™ NEO	Devices	for	Liquid		1inir
Steritest <sup>™</sup> NEO	Devices	for	Liquid	Ν	1axi
				Μ	1axi
<b>NEW</b> Steritest <sup>™</sup>	<sup>1</sup> NEO De	evic	es for	S	Steri

for products WITHOUT antimicrobial agents and medical devices

		Product #	More Information	Add to Ca
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#### **Steritest™ NEO Devices for Soluble Powders** in Ampoules (TZHADA210)

• Single needle for transfer into and out of ampoules

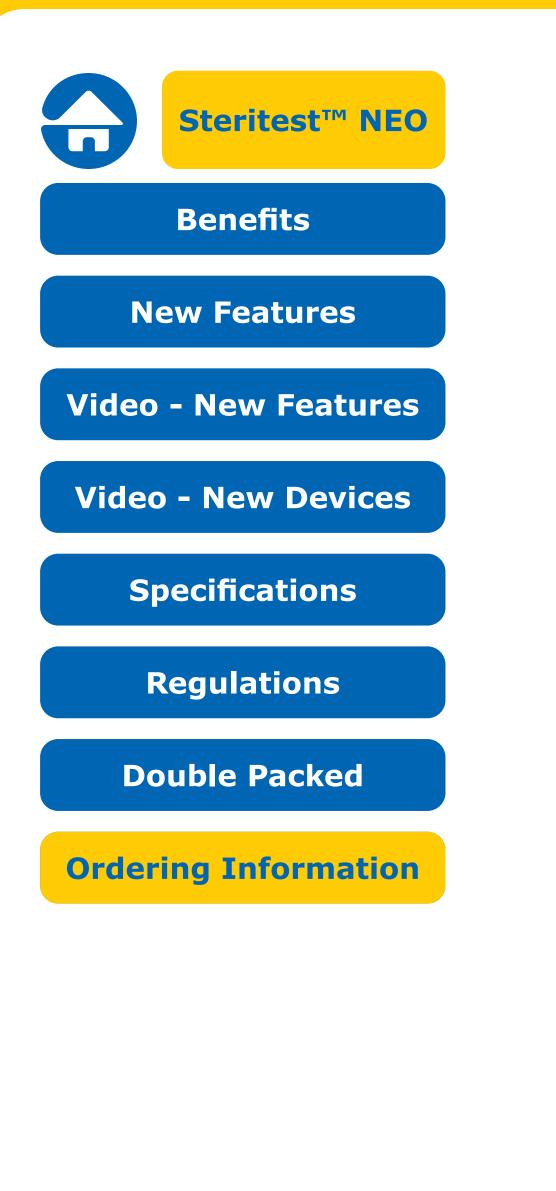
• Vented double needle

 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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™	NEO	Devices	for	Liauid	-	
						st
Steritest™	NEO	Devices	for	Liquid		
Steritest™	NEO	Devices	for	Liquid		0
Steritest™	NEO	Devices	for	Liquid	•	l a
Steritest™	NEO	Devices	for	Liquid		_
Steritest™	NEO	Devices	for	Liquid	•	S
Steritest™	NEO	Devices	for	Liquid		
Steritest™	NEO	Devices	for	Liquid	C	Cani
Steritest™	NEO	Devices	for	Solub		1ate Prim
Steritest™	NEO	Devices	for	Solub	C	iltra Doul Jeeo
Steritest™	NEO	Devices	for	Medic		Sam
Steritest™	NEO	Devices	for	Liquid	M	1iniı
Steritest™		Devices	for	Liquid	٩	1axi
Stentest		Devices	101	Liquid	Μ	1axi
<b>NEW</b> Steri	test™	1 NEO De	evic	es for	S	Ster

for products WITHOUT antimicrobial agents and medical devices

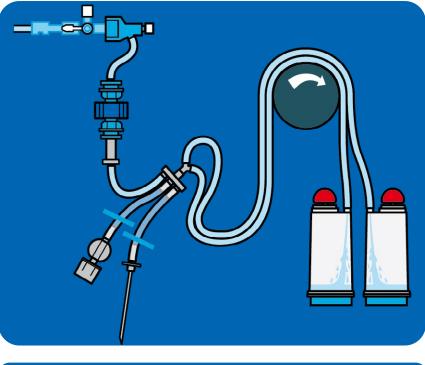
Product #	More Information	Add to Car
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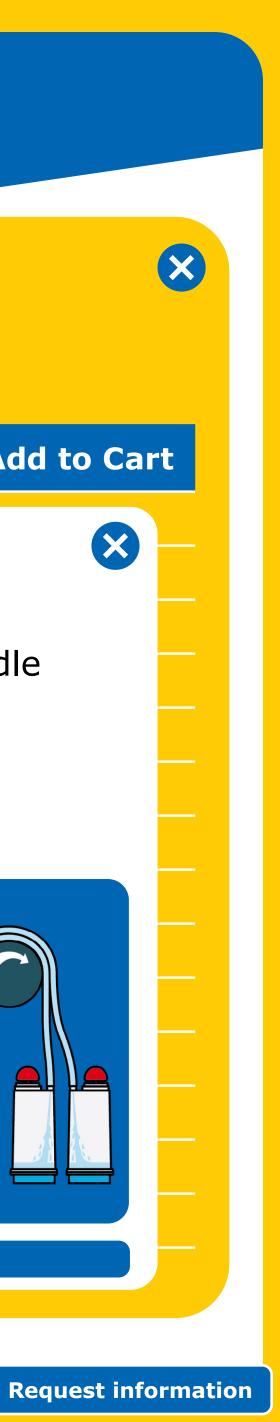
#### Steritest<sup>™</sup> NEO Devices for Medical Devices and **Collapsible Bags (TZHAMD210)**

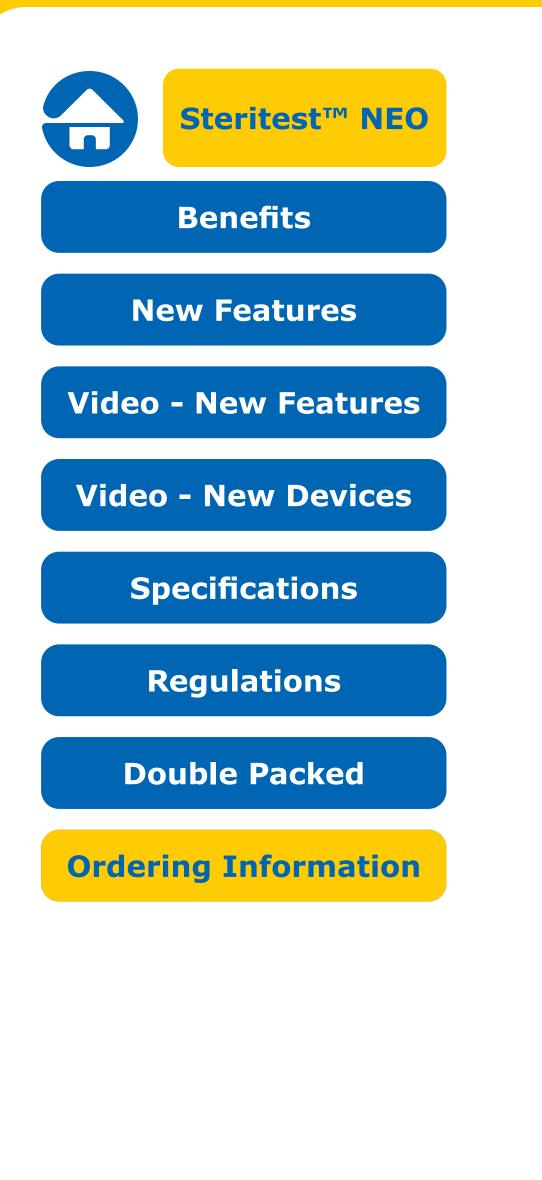
• Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices

• 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 <sup>®</sup> 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







## **Ordering Information**

## **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest™ NEO Devices for Liquid         Steritest™ NEO Devices for Solub         Steritest™ NEO Devices for Medic         Steritest™ NEO Devices for Liquid         Mini         Steritest™ NEO Devices for Liquid         Mini         Max         Max         Max         Max						
Steritest™ NEO Devices for Liquid         Steritest™ NEO Devices for Solubi         Steritest™ NEO Devices for Solubi         Steritest™ NEO Devices for Solubi         Steritest™ NEO Devices for Medic         Steritest™ NEO Devices for Liquid         Mate         Prim         Steritest™ NEO Devices for Liquid         Max         NEO Devices for Liquid         Max         Max         Max         Max	Steritest™	NEO	Devices	for	Liquid	
Steritest™ NEO Devices for Liquid       • A         Steritest™ NEO Devices for Liquid       • V         Steritest™ NEO Devices for Liquid       • Mate         Steritest™ NEO Devices for Solub       • Mate         Steritest™ NEO Devices for Solub       • Mate         Steritest™ NEO Devices for Medic       • Sam         Steritest™ NEO Devices for Liquid       • Mate         Steritest™ NEO Devices for Liquid       • Mate         Steritest™ NEO Devices for Solub       • Mate         Steritest™ NEO Devices for Liquid       • Mate         Steritest™ NEO Devices for Liquid       • Max         NEO Devices for Liquid       • Max         NEO Devices for Liquid       • Max         • NEO Devices for Liquid       • Max <td>Steritest™</td> <td>NEO</td> <td>Devices</td> <td>for</td> <td>Liquid</td> <td>Ste</td>	Steritest™	NEO	Devices	for	Liquid	Ste
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Steritest <sup>M</sup> NEO Devices for Liquid Max	Steritest™	NEO	Devices	for	Liquid	
	Storitoct <sup>IM</sup>		Dovicos	for	Liquid	Maxi
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for Ster	Stentest		Devices	101	Liquid	Maxi
	<b>NEW</b> Steri	test™	<sup>1</sup> NEO De	evic	es for	Steri

for products WITHOUT antimicrobial agents and medical devices

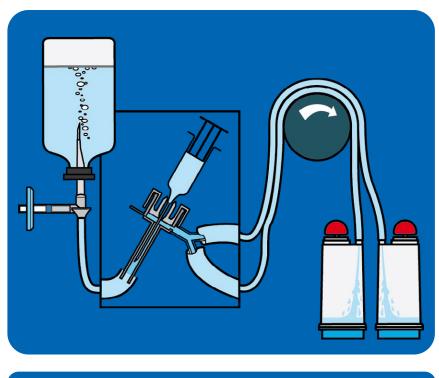
	<b>Product</b> #	More Information	Add to Ca

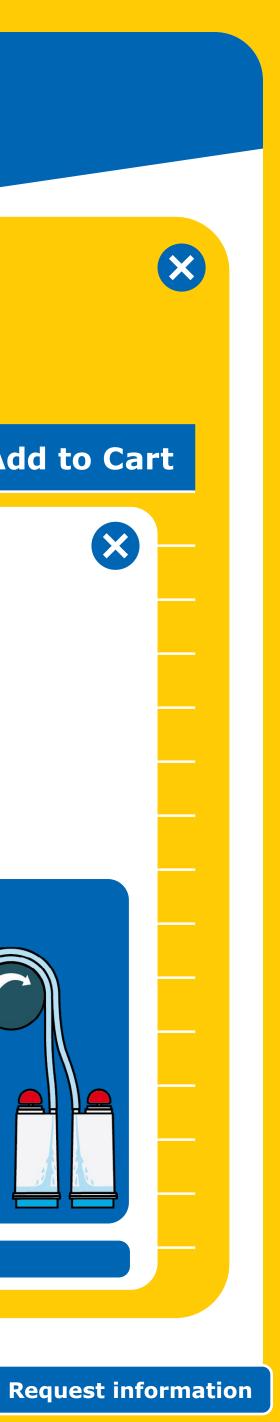
#### **Steritest™ NEO Devices for Liquids in Syringes (TZHASY210)**

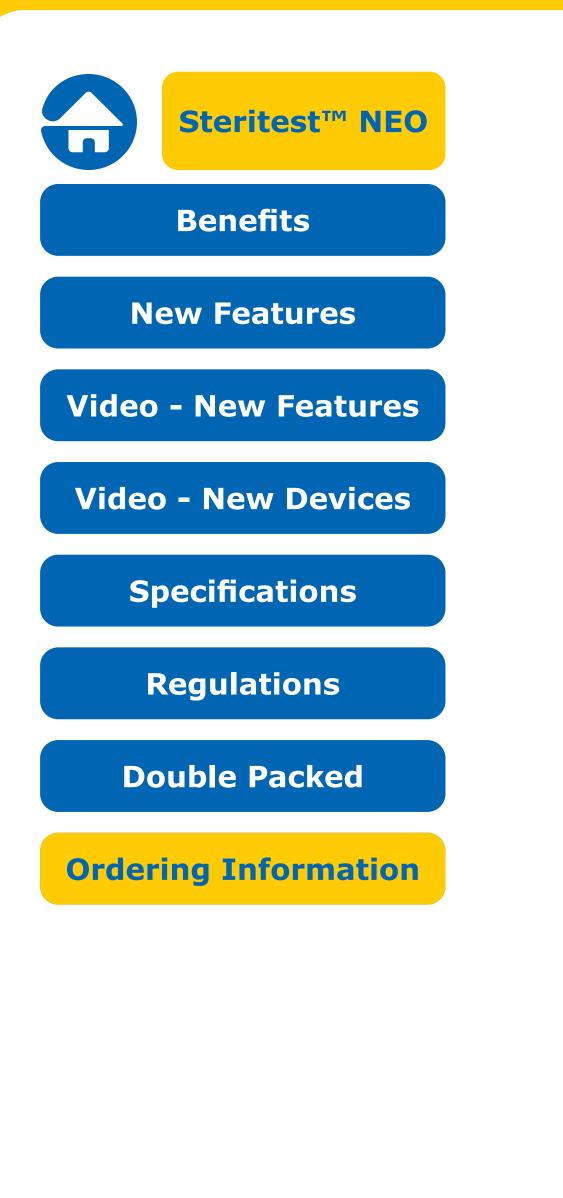
• Adapter allows for sequential testing of syringe contents and needle surfaces

• 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 <sup>®</sup> 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







## **Ordering Information**

# **Steritest™ NEO "Blue Base" Devices**

#### Application

Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	
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Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	Canis
Steritest <sup>™</sup> NEO Devices for Solub	Mate Prima
Steritest <sup>™</sup> NEO Devices for Solub	Filtra Doub
Steritest <sup>™</sup> NEO Devices for Medic	Need Sam
Steritest <sup>™</sup> NEO Devices for Liquid	Minir
Steritest <sup>™</sup> NEO Devices for Liquid	Maxi
	Maxi
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	Steri

for products WITHOUT antimicrobial agents and medical devices

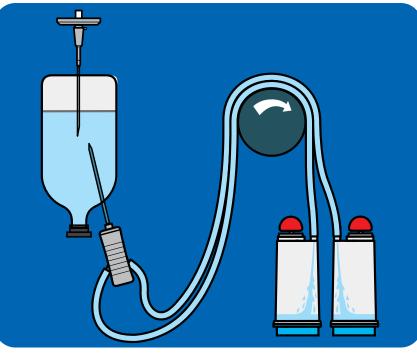
Product #	More Information	Add to Ca
	Product #	Product # Information

#### **Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC210)**

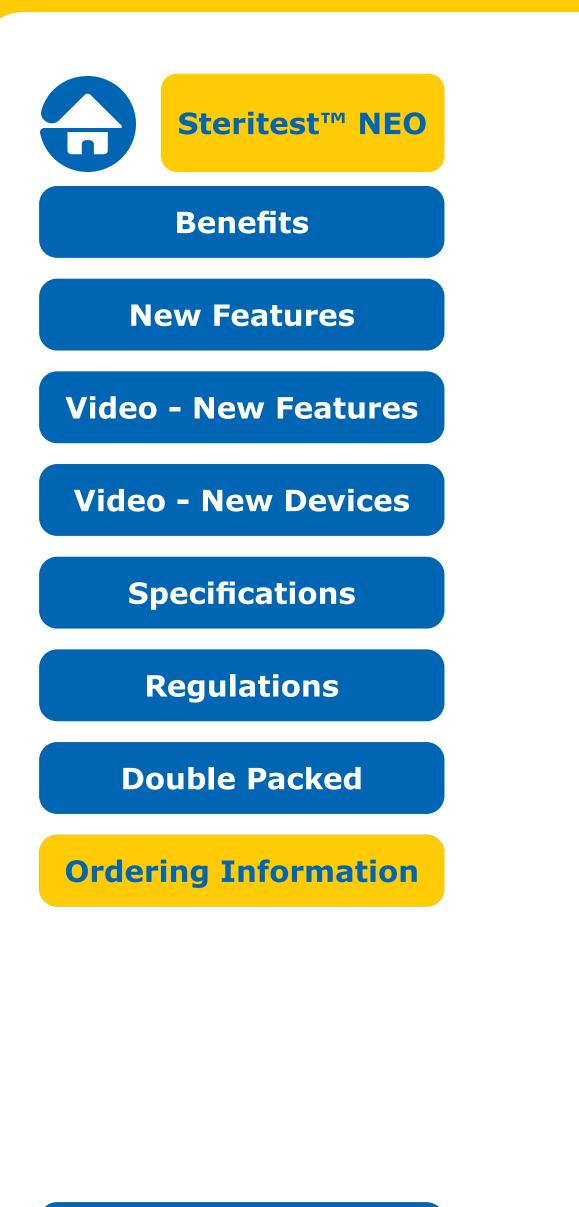
 Non-coring single needle minimizes blockage when piercing plastic containers

Separate vent needle

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







## **Ordering Information**

#### **Steritest™ NEO "Blue Base" Devices** for products WITHOUT antimicrobial agents and medical of

#### Application

Steritest <sup>™</sup> NEO Devices for Liquid	-
Steritest <sup>™</sup> NEO Devices for Liquid	Ste
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	• S s
Steritest <sup>™</sup> NEO Devices for Liquid	_
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Liquid	Cani
Steritest <sup>™</sup> NEO Devices for Solub	Prim
Steritest <sup>™</sup> NEO Devices for Solub	Filtra Dout Neec
Steritest <sup>™</sup> NEO Devices for Medic	
Steritest <sup>™</sup> NEO Devices for Liquid	Minir
Steritest <sup>™</sup> NEO Devices for Liquid	
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	Maxi Steri

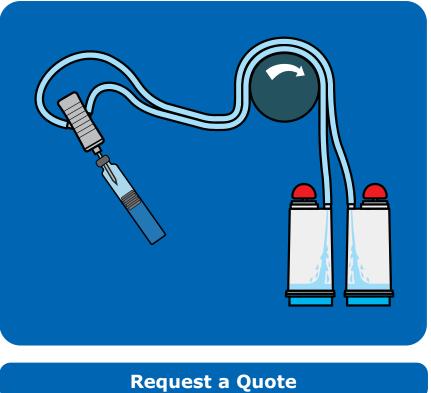
de	evices			
	Proc	duct #	More Information	Add to Car

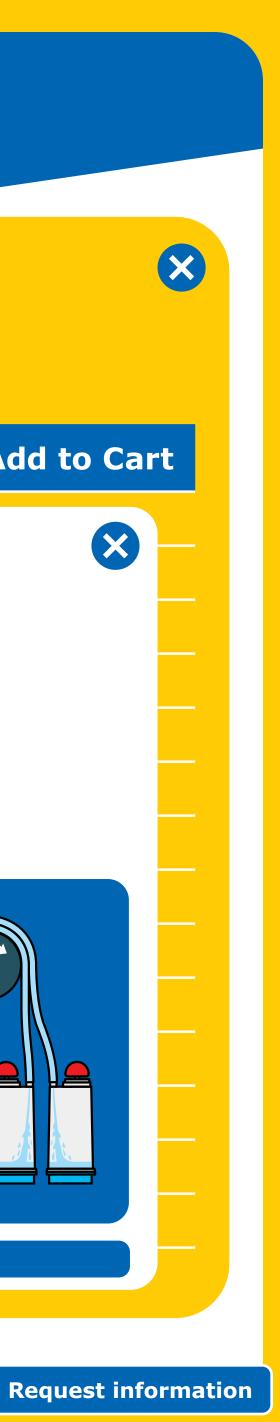
## **Steritest™ NEO Devices for Liquids in Cartridges** and Small Soft Plastic Containers (TZHACA210)

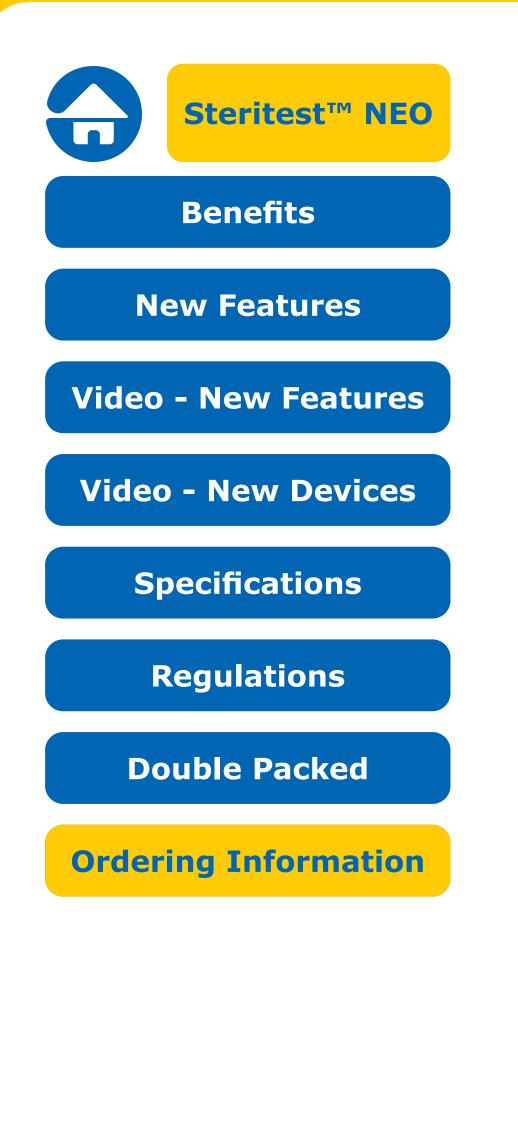
 Single short (20 mm) needle for easy access to cartridges and small soft plastic containers

• Separate vent needle

Mixed Esters of Cellulose (HA) membrane, 0.45 µm
Shell made of PET, Cover made of Tyvek <sup>®</sup> paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6
120 mL (graduation marks at 25, 50, 75 and 100 mL)
300 mL/min at 690 mbar (10 psi)
45 °C
3.15 bars at 25 °C (45 psi at 77 °F)
Gamma irradiation
Order Now







## **Ordering Information**

#### **Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

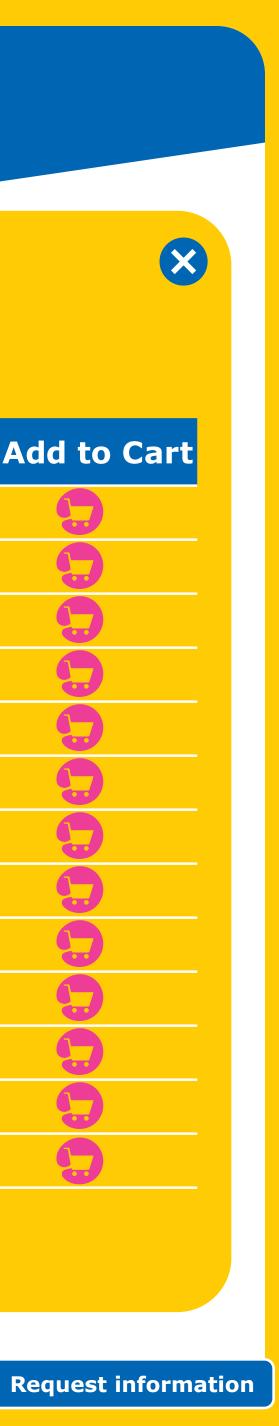
#### Application

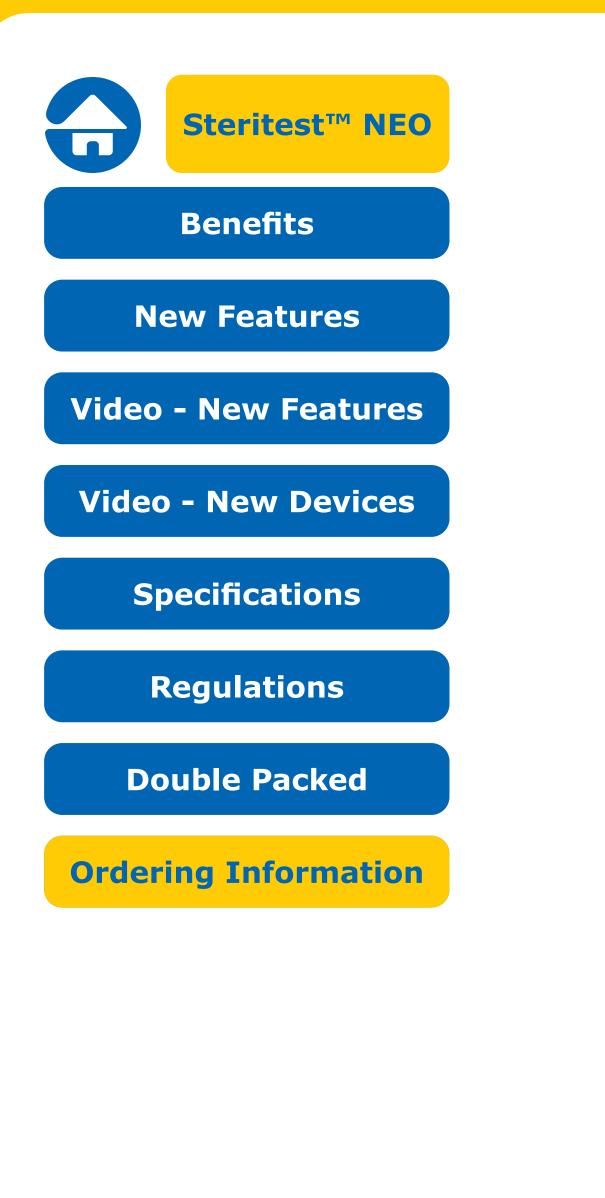
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Steritest <sup>™</sup> NEO Devices for Soluble Pow
Steritest <sup>™</sup> NEO Devices for Soluble Pow
Steritest <sup>™</sup> NEO Devices for Medical Dev
Steritest <sup>™</sup> NEO Devices for Powders and
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for Liquid





	Product #	More Information	Add to Ca
mpoules	TZHVAB210		
mpoules	TZHVAB205		9
ollapsible Bags	TZHVAB210		9
ollapsible Bags DP	TZHVAB205		9
arge Vials	TZHVLV210		9
arge Vials DP	TZHVLV205		9
mall Vials	TZHVSV210		9
mall Vials DP	TZHVSV205		9
vders in Vials	TZHVDV210		9
vders in Vials DP	TZHVDV205		9
vices and Collapsible Bags	TZHVMD210		9
d Superpotent Antibiotics	TZHVAB210		9
ls in Cartridges	TZHVCA210		9





## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

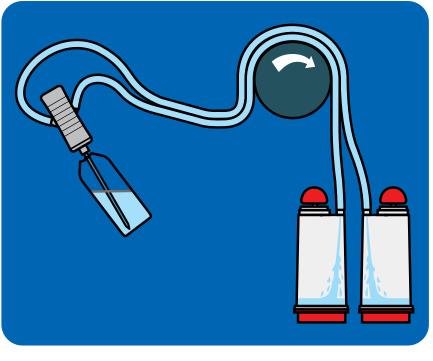
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Solub	-
Steritest™ NEO Devices for Solub	
Steritest™ NEO Devices for Medic	
Steritest™ NEO Devices for Powde	•
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	

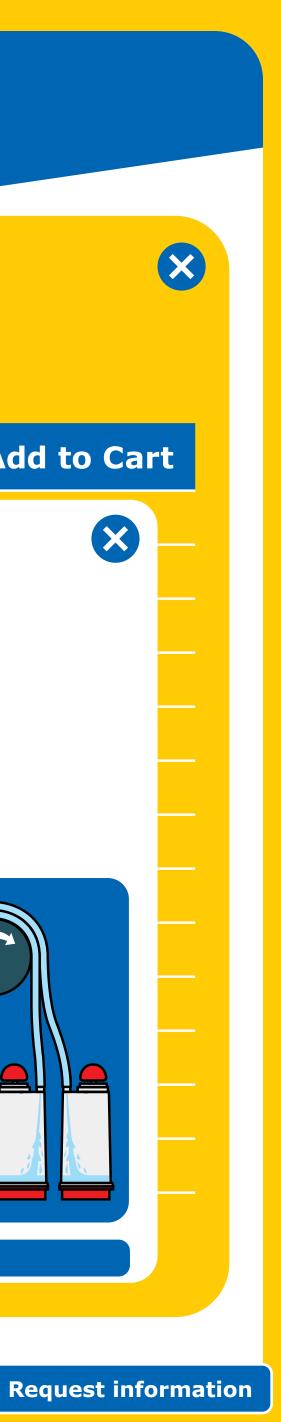


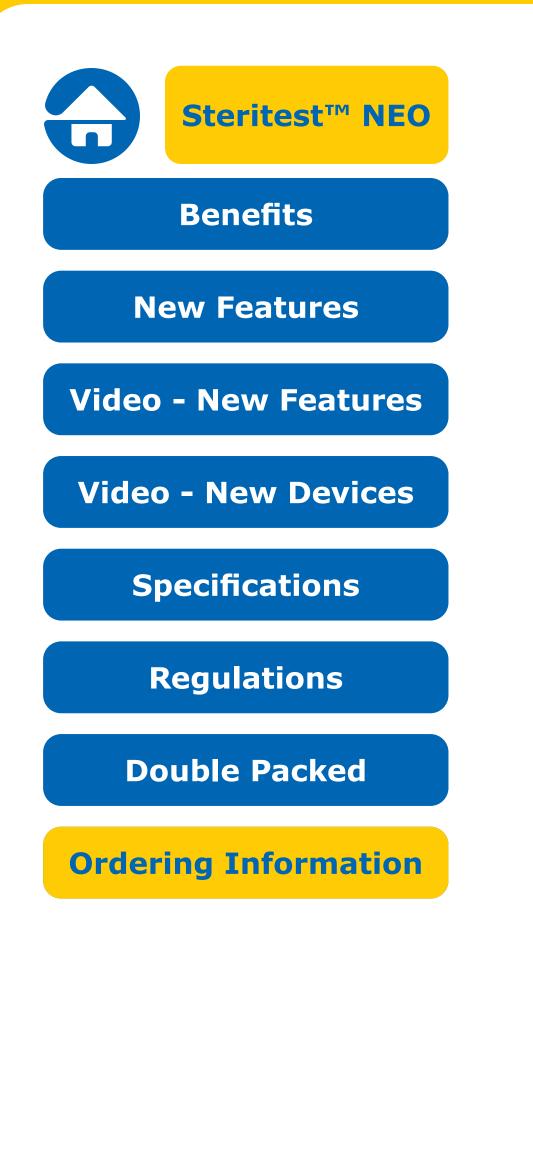
• Single needle for easy access to ampoules

• Separate vent needle

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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	
	Order Now	







## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

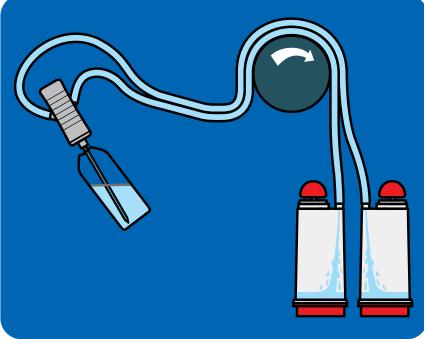
Steritest <sup>™</sup> NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest <sup>™</sup> NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest <sup>™</sup> NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest <sup>™</sup> NEO Devices for Solub
Steritest <sup>™</sup> NEO Devices for Solub
Steritest <sup>™</sup> NEO Devices for Medic
Steritest <sup>™</sup> NEO Devices for Powde
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for



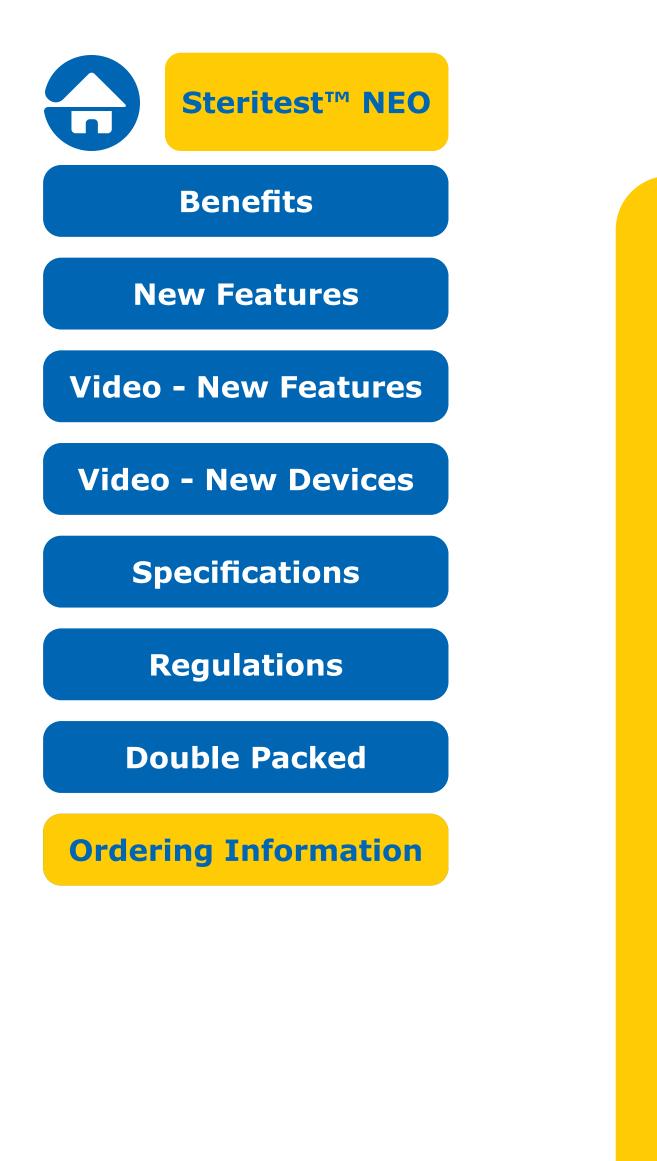
#### **Steritest™ NEO Devices for Liquids in Ampoules -Double-Packed (TZHVAB205)**

- 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 <sup>®</sup> 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 <sup>®</sup> 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	







## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

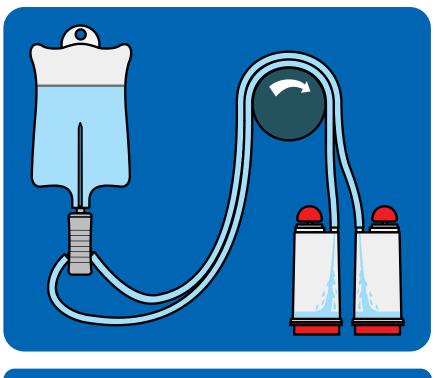
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Steritest™ NEO Devices for Solub	Mate Prima
Steritest <sup>™</sup> NEO Devices for Solub	Filtra Doub
Steritest™ NEO Devices for Medic	Need Samı
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<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	Maxii
	Maxii

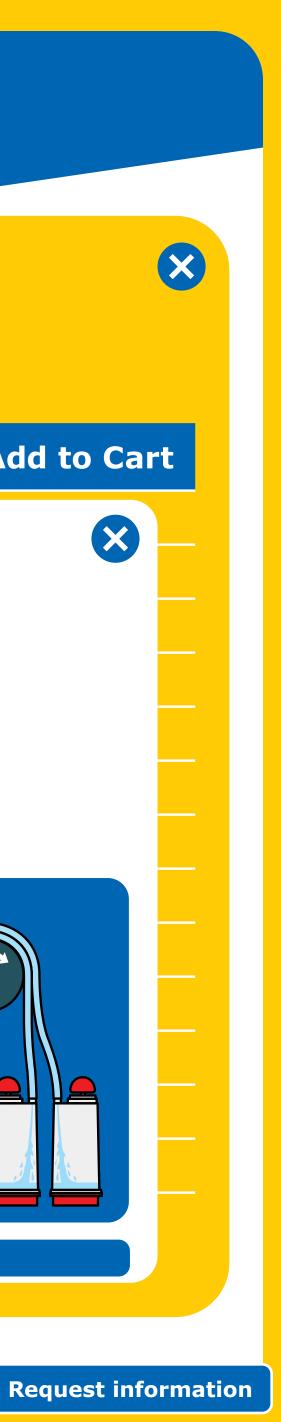
	<b>Product</b> #	More Information	Add to Ca
Steritest <sup>™</sup> NEO Devices in Collapsible Bags (TZ			

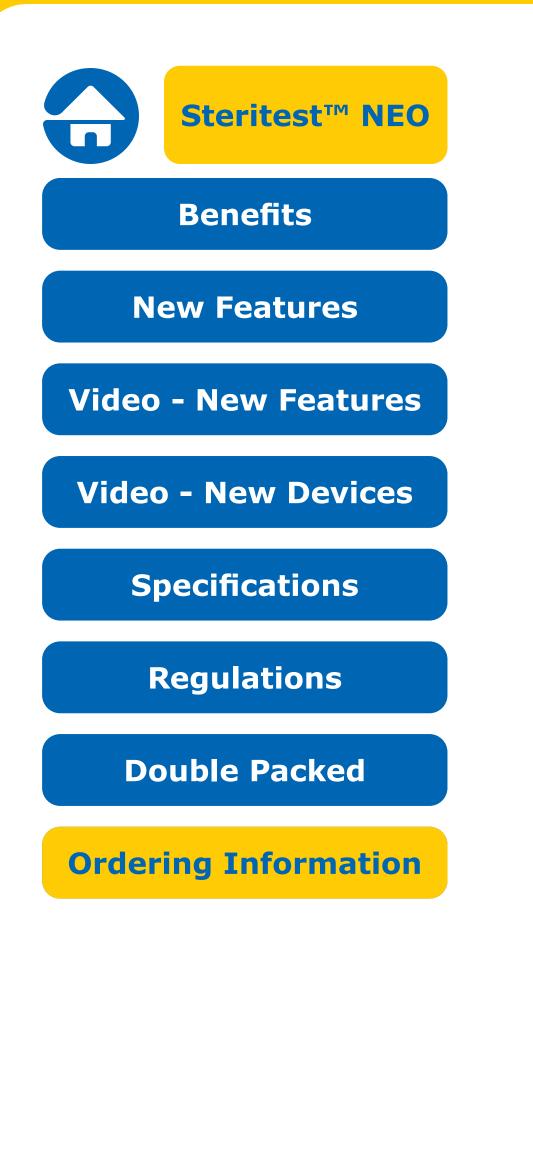
• Single needle for easy access to collapsible bags

• Separate vent needle

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> membrane, 0.45 $\mu m$ hydrophilic PVDF	
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	Shell made of PET, Cover made of Tyvek <sup>®</sup> 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		







## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

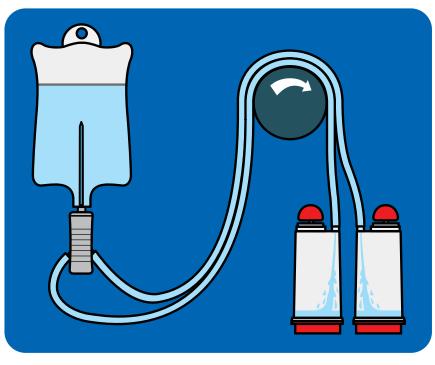
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Steritest™ NEO De	evices for Solub
Steritest™ NEO De	evices for Medic
Steritest™ NEO De	evices for Powde
<b>NEW</b> Steritest <sup>™</sup> N	IEO Devices for

Product #	More Information	Add to Ca

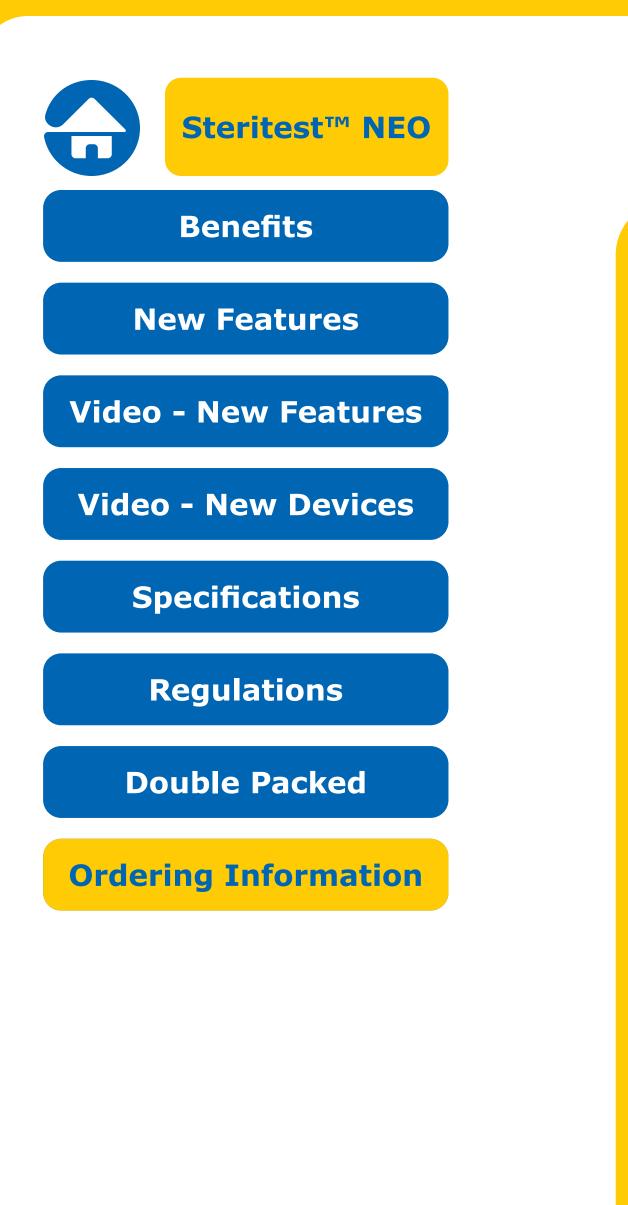
#### **Steritest<sup>™</sup> NEO Devices for Liquids** in Collapsible Bags - Double-Packed (TZHVAB205)

- 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 <sup>®</sup> 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 <sup>®</sup> 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	







## **Ordering Information**

**Steritest<sup>™</sup> NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

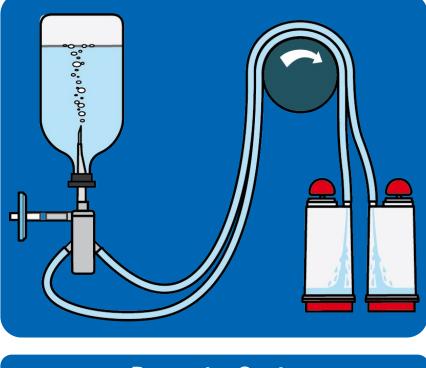
#### Application

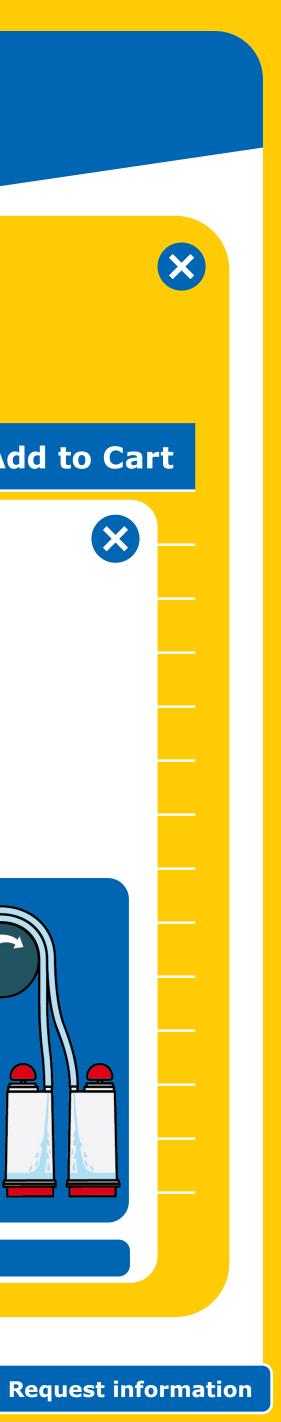
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Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
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Steritest™	NEO	Devices for Liquid
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Steritest™	NEO	Devices for Solub
Steritest™	NEO	Devices for Medic
Steritest™	NEO	Devices for Powde
NEW Steri	test™	<sup>1</sup> NEO Devices for

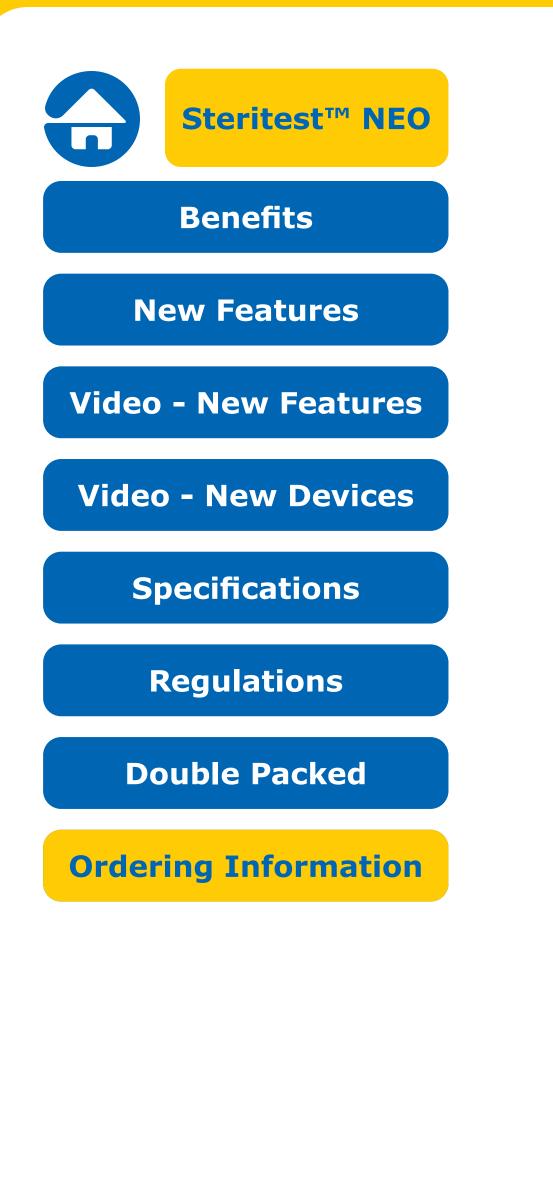


• Vented double needle for large glass containers with septa

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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
	Order Now







## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

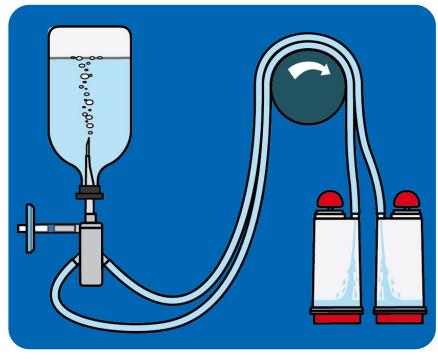
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
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Steritest™	NEO	Devices for	or Solub
Steritest™	NEO	Devices for	or Medic
Steritest™	NEO	Devices for	or Powde
<b>NEW</b> Sterit	test™	' NEO Dev	vices for



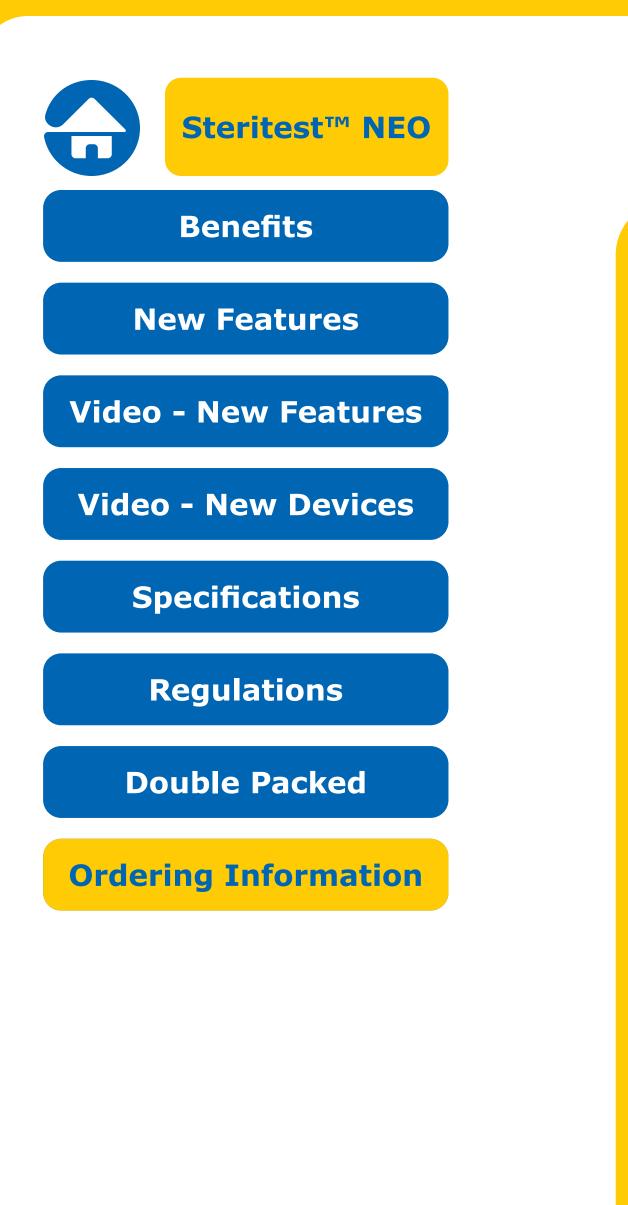
#### **Steritest™ NEO Devices for Liquids in Large Vials -Double-Packed (TZHVLV205)**

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

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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 <sup>®</sup> 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







## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

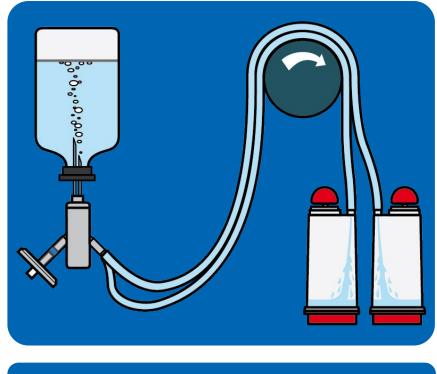
#### Application

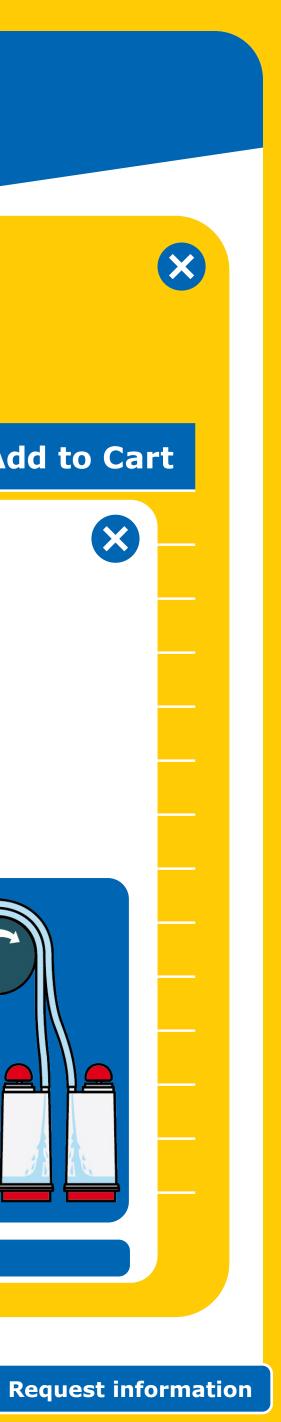
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Liquid
Steritest™	NEO	Devices for Solub
Steritest™	NEO	Devices for Solub
Steritest™	NEO	Devices for Medic
Steritest™	NEO	Devices for Powde
NEW Steri	test™	<sup>1</sup> NEO Devices for

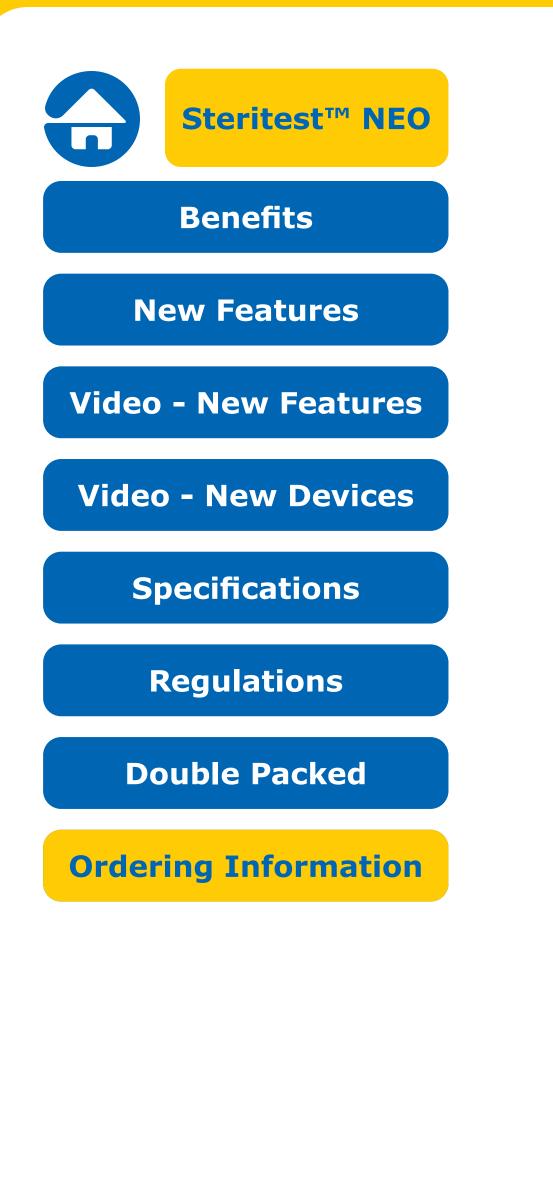
	Product #	More Information	Add to Ca
Steritest™ NEO Devices (TZHVSV210)	s for Liquids i	n Small Vial	s

• Vented double needle for small vials with septa

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> membrane, 0.45 $\mu m$ hydrophilic PVDF
Materials of Construction Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:	Shell made of PET, Cover made of Tyvek <sup>®</sup> 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





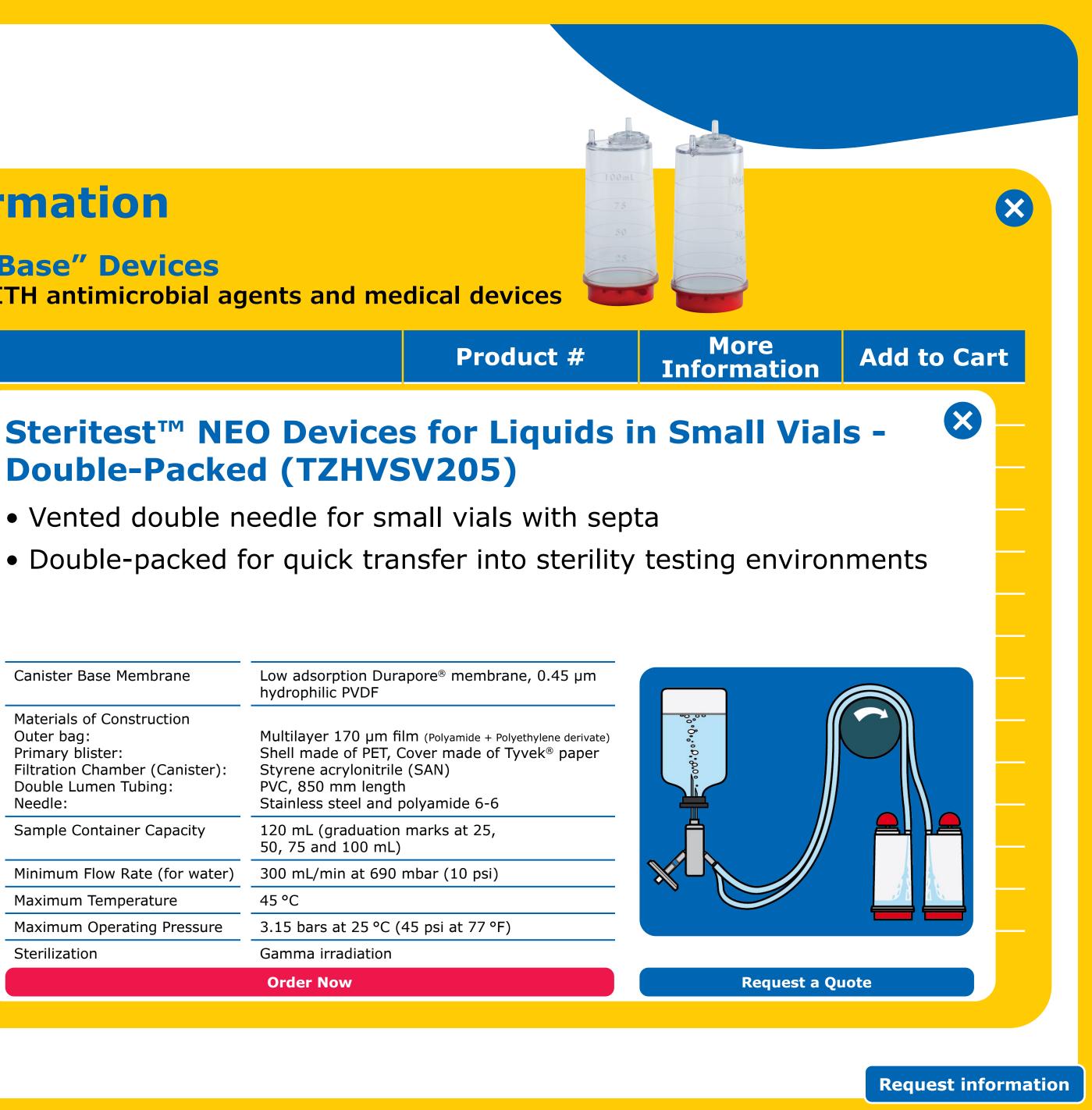


## **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Liquid
Steritest™	NEO	Devices for	or Solubl
Steritest™	NEO	Devices for	or Solub
Steritest™	NEO	Devices for	or Medic
Steritest™	NEO	Devices for	or Powde
<b>NEW</b> Sterit	test™	' NEO Dev	vices for

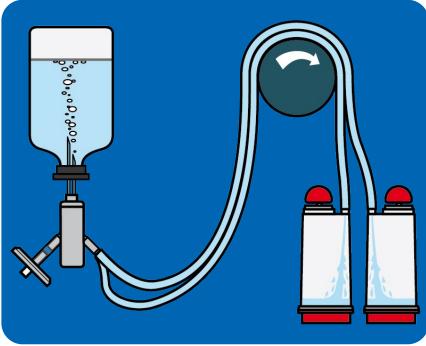


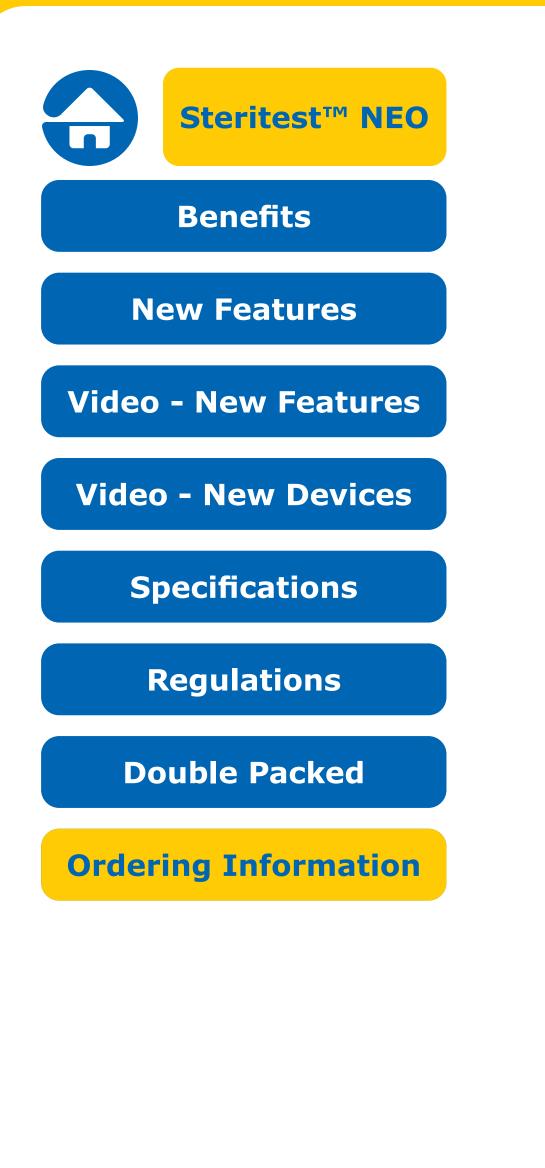
	Product #	Information	Add to Ca
<b>Steritest™ NEO Device</b>	s for Liquids i	n Small Vial	s - 🗴

• Vented double needle for small vials with septa

• Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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 <sup>®</sup> 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





# **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

### Application

Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Liquid
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Steritest™ NEO De	evices for Liquid
Steritest™ NEO De	evices for Solub
Steritest™ NEO De	evices for Solub
Steritest™ NEO De	evices for Medic
Steritest™ NEO De	evices for Powde
<b>NEW</b> Steritest <sup>™</sup> N	IEO Devices for

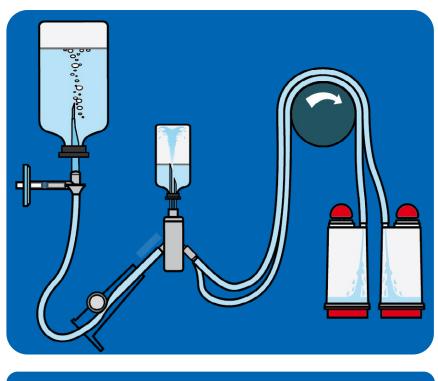


#### X **Steritest<sup>™</sup> NEO Devices for Soluble Powders in Vials (TZHVDV210)**

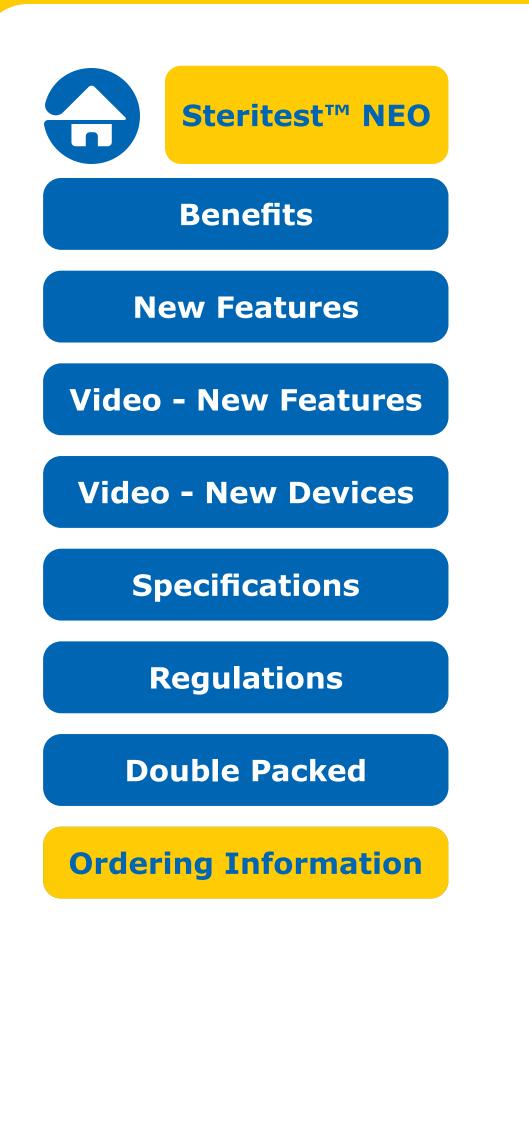
- Double needles for small vials with septa
- Vented double needle

• Simultaneously dissolves/ dilutes the sample in sterile diluent and transfers the resulting solution to canisters

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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 <sup>®</sup> 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			







# **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

### Application

Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest™ NEO Devices for Liquid			
Steritest <sup>™</sup> NEO Devices for Solub			
Steritest <sup>™</sup> NEO Devices for Solub			
Steritest <sup>™</sup> NEO Devices for Medic			
Steritest <sup>™</sup> NEO Devices for Powde			
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for			

Product #	More Information	Add to Ca

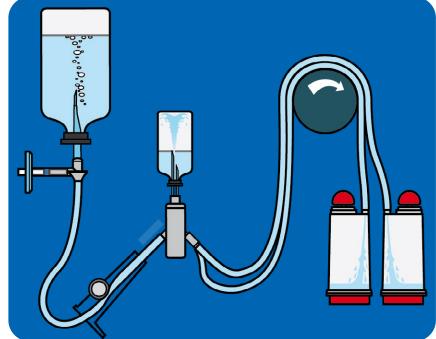
## **Steritest<sup>™</sup> NEO Devices for Soluble Powders** in Vials - Double-Packed (TZHVDV205)

• Double needles for small vials with septa / Vented double needle

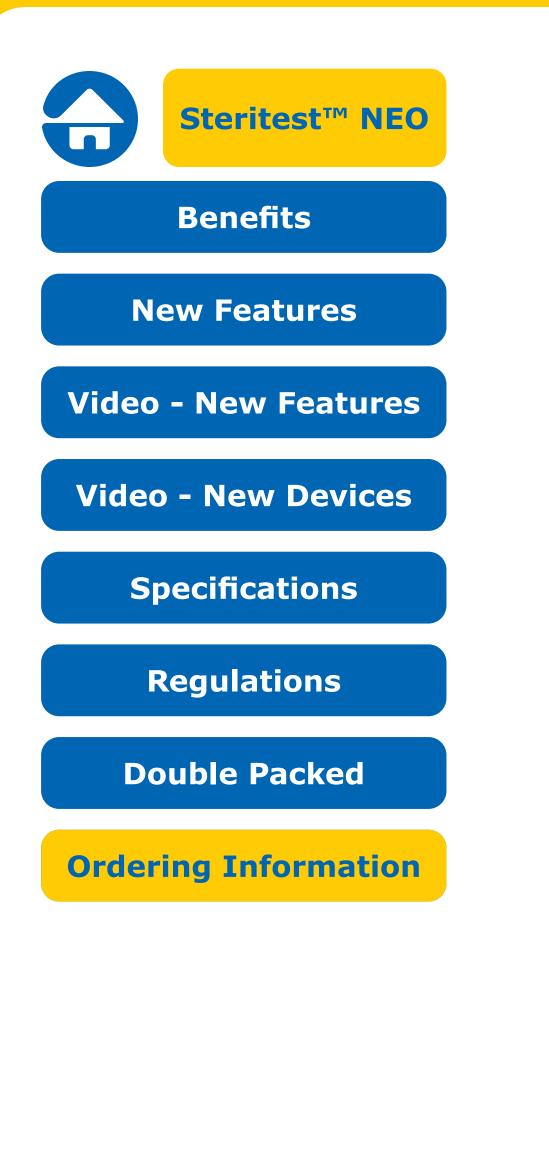
• Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters

### • Double-packed for quick transfer into sterility testing environments

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> membrane, 0.45 $\mu m$ 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 <sup>®</sup> 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







# **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

### Application

Steritest™ NEO Devices for Liquid
Steritest™ NEO Devices for Liquid
Steritest <sup>™</sup> NEO Devices for Solub
Steritest™ NEO Devices for Solub
Steritest <sup>™</sup> NEO Devices for Medic
Steritest™ NEO Devices for Powde
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for

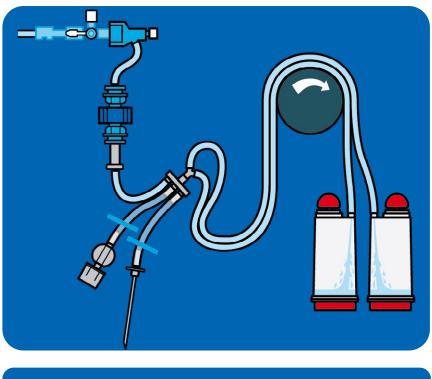
<b>Product</b> #	More Information	Add to Ca

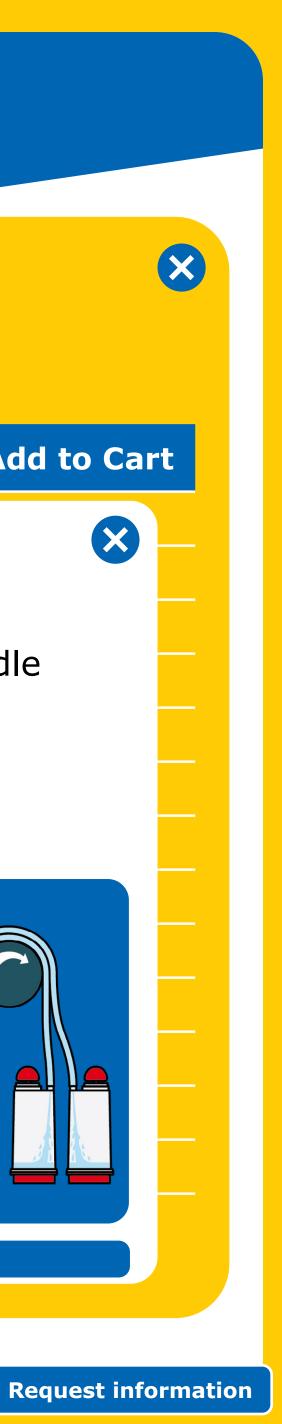
## **Steritest<sup>™</sup> NEO Devices for Medical Devices and Collapsible Bags (TZHVMD210)**

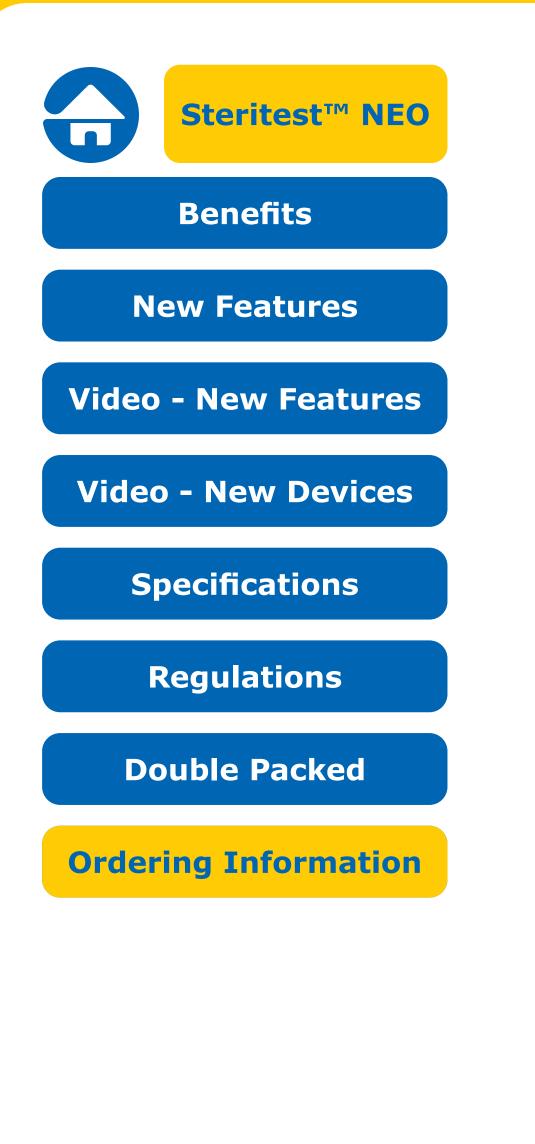
• Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices

• Separate vent needle

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> 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 <sup>®</sup> 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		







# **Ordering Information**

**Steritest™ NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

#### Application

Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	,
Steritest™ NEO Devices for Liquid	
Steritest™ NEO Devices for Liquid	
Steritest <sup>™</sup> NEO Devices for Solub	(
Steritest <sup>™</sup> NEO Devices for Solub	(
Steritest <sup>™</sup> NEO Devices for Medic	
Steritest™ NEO Devices for Powde	
<b>NEW</b> Steritest <sup>™</sup> NEO Devices for	



More

Information

## **Steritest<sup>™</sup> NEO Devices for Powders** and Superpotent Antibiotics (TZHVAB210)

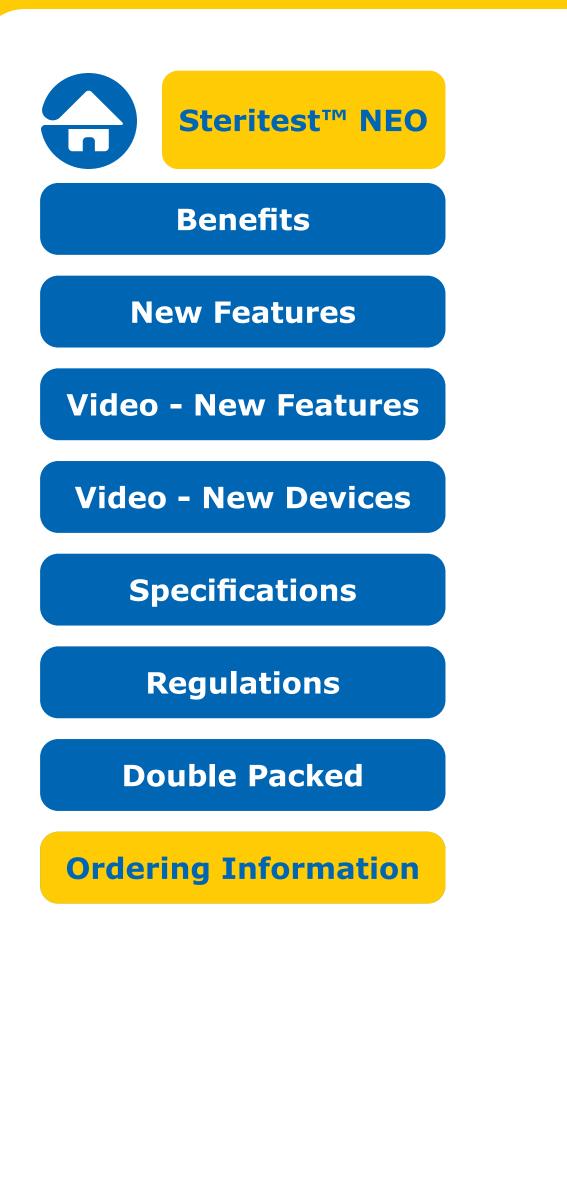
• Tubing and needle assembly for antibiotics and products containing antimicrobial activity that require dilution or dissolution

**Product #** 

- 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<sup>™</sup> NEO device (TZHVAB210)

Steritest <sup>™</sup> NEO Devices	Steridilutor <sup>®</sup> NEO devices for Sample Preparation and Dilution	Recommended Accessories: Sterile vent needles
TZHVAB210 🌓	TZVC00010 🌓	TEFG02525 🌓





# **Ordering Information**

**Steritest<sup>™</sup> NEO "Red Base" Devices** for antibiotics, products WITH antimicrobial agents and medical devices

### Application

Steritest <sup>™</sup> NEO Devices for Liqui	
Steritest <sup>™</sup> NEO Devices for Liqui	
Steritest™ NEO Devices for Liqui	
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Steritest <sup>™</sup> NEO Devices for Liqui	
Steritest <sup>™</sup> NEO Devices for Liqui	$\sim$
Steritest <sup>™</sup> NEO Devices for Liqui	d
Steritest <sup>™</sup> NEO Devices for Liqui	d Canis
Steritest <sup>™</sup> NEO Devices for Solut	Mate Prim
Steritest <sup>™</sup> NEO Devices for Solut	Dour
Steritest <sup>™</sup> NEO Devices for Medio	C Need Sam
Steritest <sup>™</sup> NEO Devices for Powd	le Minir
NEW Steritest <sup>™</sup> NEO Devices for	Maxi
	Maxi

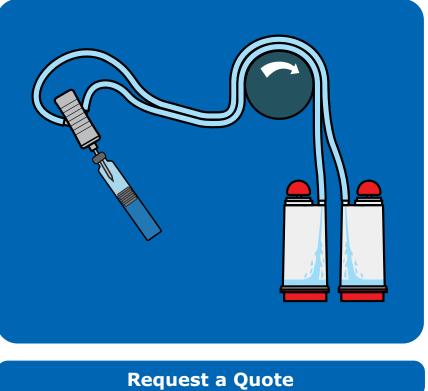
	Product #	More Information	Add to Ca
eritest™ NFO Device	s for Liquids i	n Cartridaes	

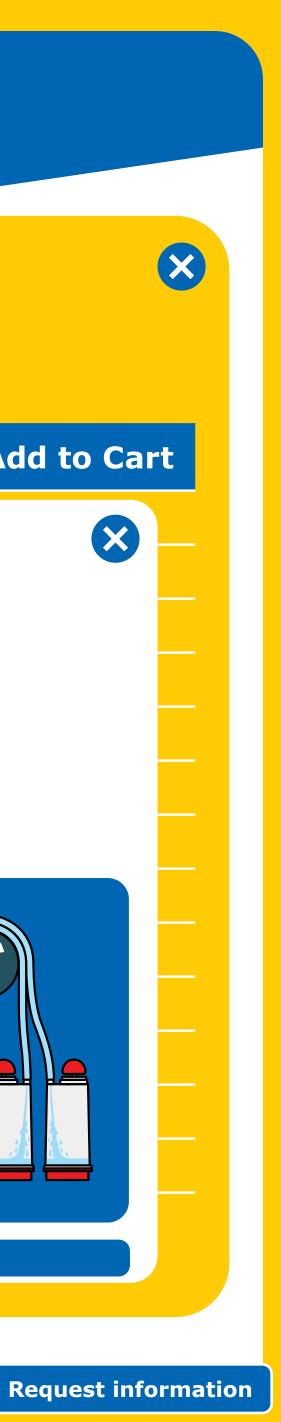
## **Steritest™ NEO Devices for Liquids in Cartridges** and Small Soft Plastic Containers (TZHVCA210)

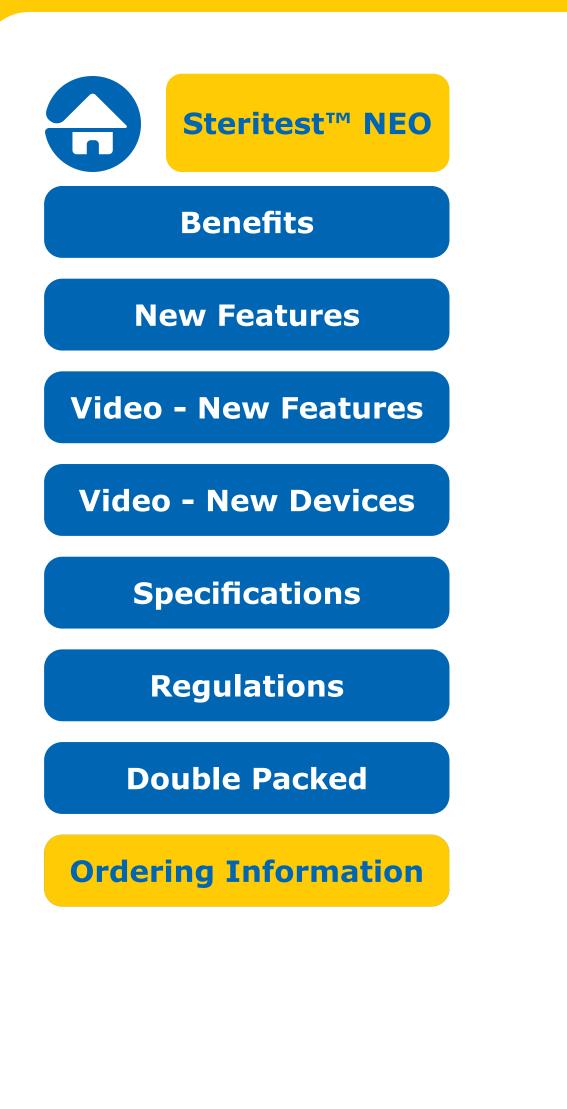
 Single short (20 mm) needle for easy access to cartridges and small soft plastic containers

• Separate vent needle

Canister Base Membrane	Low adsorption Durapore <sup>®</sup> membrane, 0.45 $\mu m$ 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
	Order Now







# **Ordering Information**

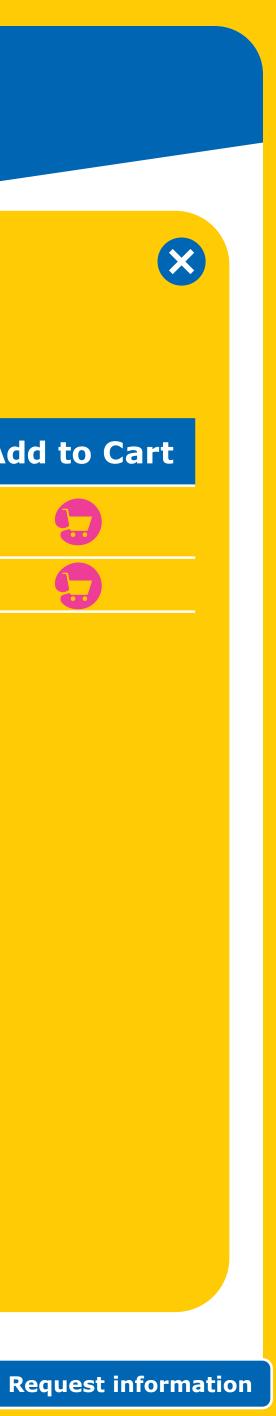
### **Steritest™ NEO "Green Base" Devices + Sterile IPM** for products dissolved in solvents requiring increased chemical compatibility

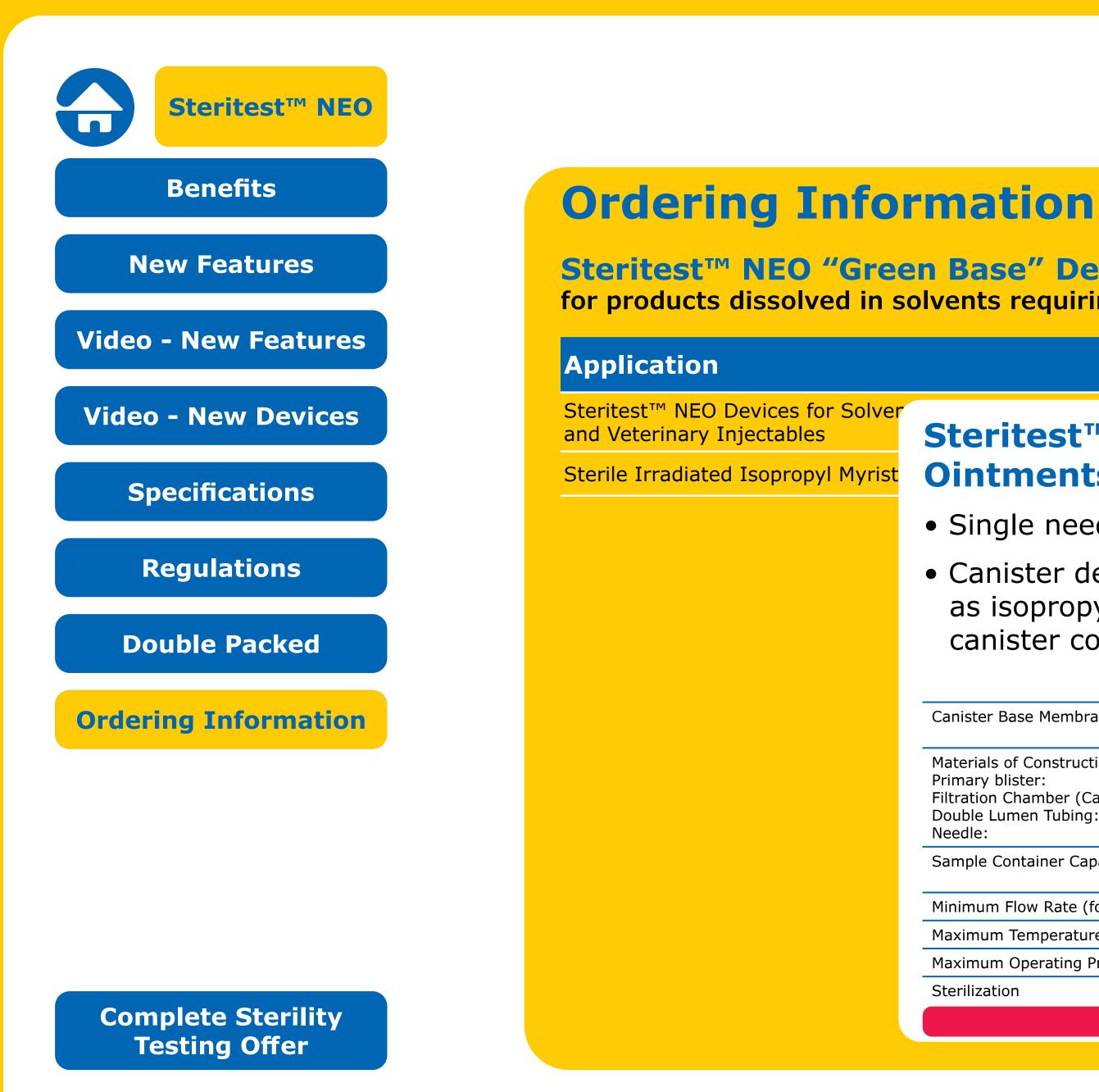
### Application

Steritest<sup>™</sup> NEO Devices for Solvents, Cr and Veterinary Injectables

Sterile Irradiated Isopropyl Myristate

	Product #	More Information	Add to Ca
Creams, Ointments,	TZHVSL210		9
	1466280006		9





**Steritest™ NEO "Green Base" Devices + Sterile IPM** for products dissolved in solvents requiring increased chemical compatibility

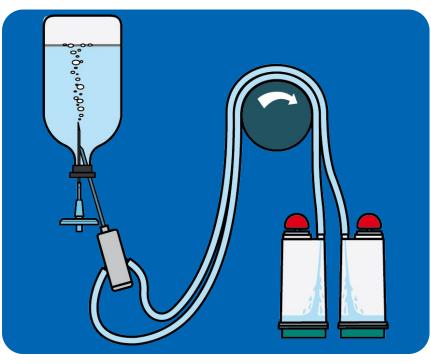
> More Add to Cart **Product #** Information

## **Steritest™ NEO Devices for Solvents, Creams, Ointments, and Veterinary Injectables (TZHVSL210)**

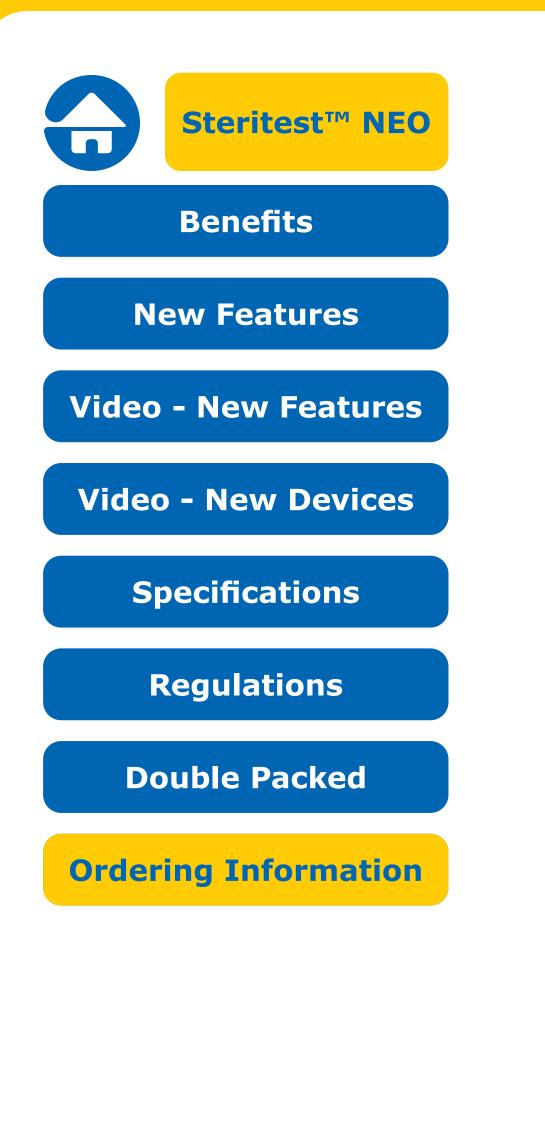
• Single needle / Separate vent needle

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

nister Base Membrane	Low adsorption Durapore <sup>®</sup> membrane, 0.45 µm hydrophilic PVDF
terials of Construction mary blister: ration Chamber (Canister): uble Lumen Tubing: edle:	Shell made of PET, Cover made of Tyvek <sup>®</sup> paper polyamide 6-6 (nylon) PVC, 850 mm length Stainless steel and polyamide 6-6
nple Container Capacity	120 mL (graduation marks at 25, 50, 75 and 100 mL)
imum Flow Rate (for water)	300 mL/min at 690 mbar (10 psi)
ximum Temperature	45 °C
ximum Operating Pressure	3.15 bars at 25 °C (45 psi at 77 °F)
rilization	Gamma irradiation
	Order Now







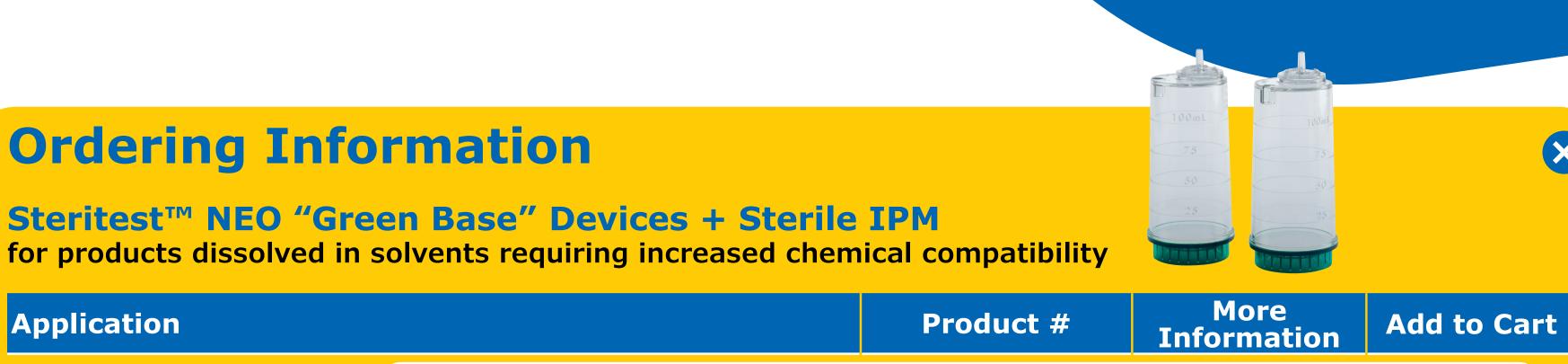
# **Ordering Information**

#### Application

Steritest<sup>™</sup> NEO Devices for Solver and Veterinary Injectables

Sterile Irradiated Isopropyl Myrist

- 360 mL in 500 mL bottle with red flip cap and septum
- 6 bottles per box
- To be used with the Steritest<sup>™</sup> NEO green base canister <u>TZHVSL210</u>

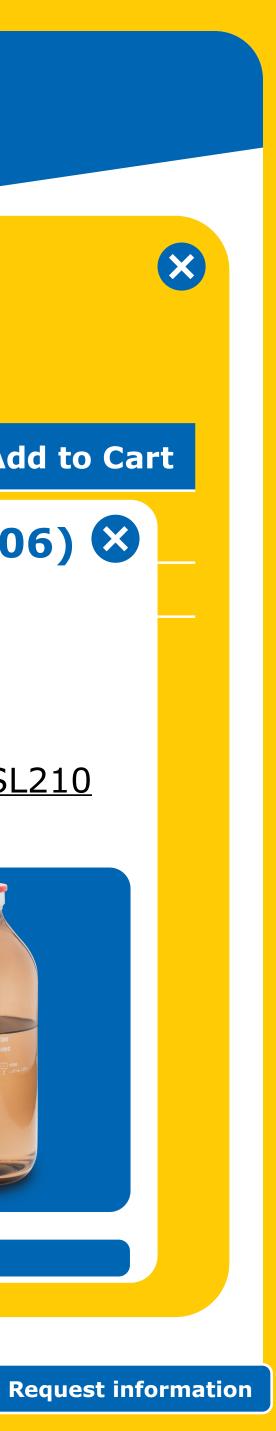


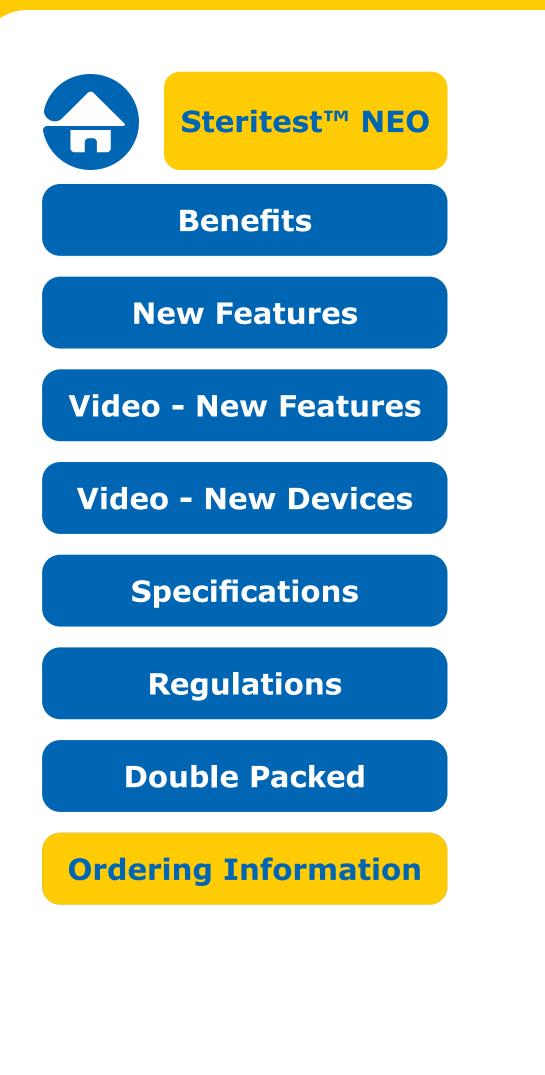
# Sterile Irradiated Isopropyl Myristate (1466280006)

• Sterile and ready-to-use



**Order Now** 





# **Ordering Information**

## **Sterility Testing Accessories for Liquid Transfer and Dilution**

#### Application

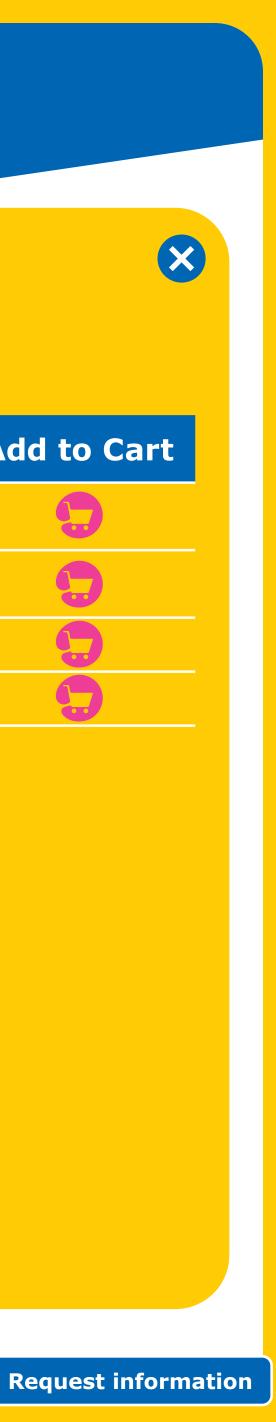
Steridilutor<sup>®</sup> NEO Devices without Expan for Sample Preparation and Dilution

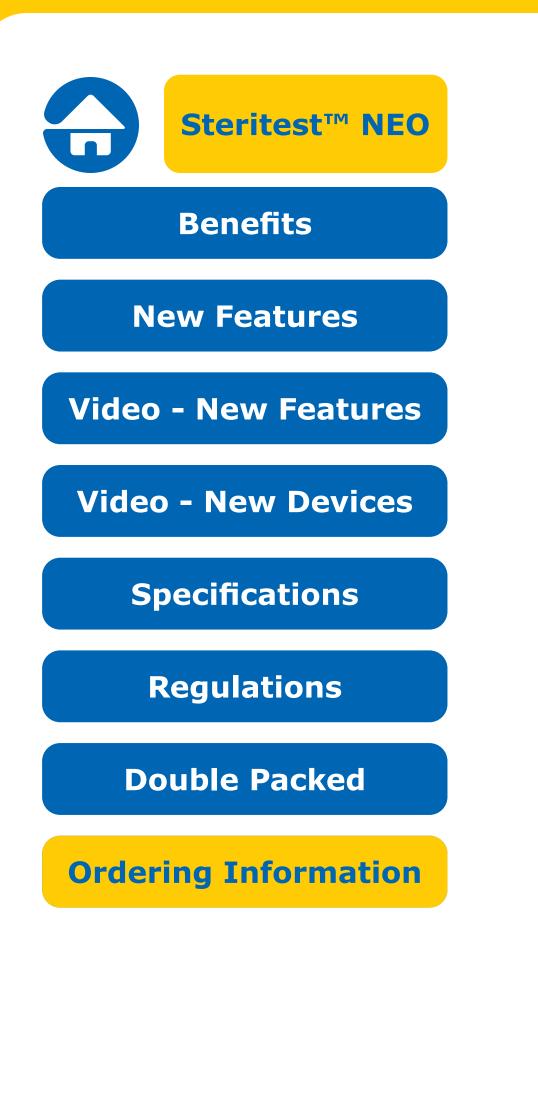
Steridilutor<sup>®</sup> NEO Devices with Expansion for Sample Preparation and Dilution

Steridilutor<sup>®</sup> NEO Devices for Liquid Tran

Steritest<sup>™</sup> Vent Needles

	Product #	More Information	Add to Ca
insion Chamber	TZV000010		9
on Chamber	TZVC00010		9
ansfer	TZA000010		9
	TEFG02525		9





# **Ordering Information**

#### Application

Steridilutor<sup>®</sup> NEO Devices without for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices with Ex for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices for Liqu

Steritest<sup>™</sup> Vent Needles

St

time with the filtration membrane) • Small diameter double needle connects test product to diluent

**Sterility Testing Accessories for Liquid Transfer and Dilution** 

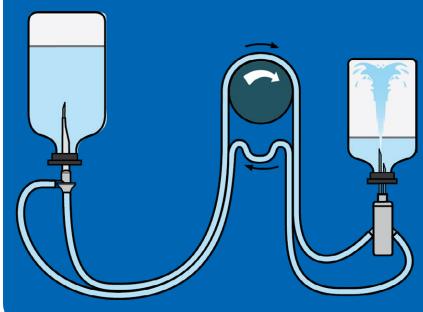
	Product #	More Information	Add to Ca
teridilutor <sup>®</sup> NEO Devi	ces without E	xpansion	$\boldsymbol{\bigotimes}$

# **Chamber for Sample Preparation and Dilution (TZV000010)**

• Tubing and needle assembly to dissolve powders, for dilution and pool products in vials

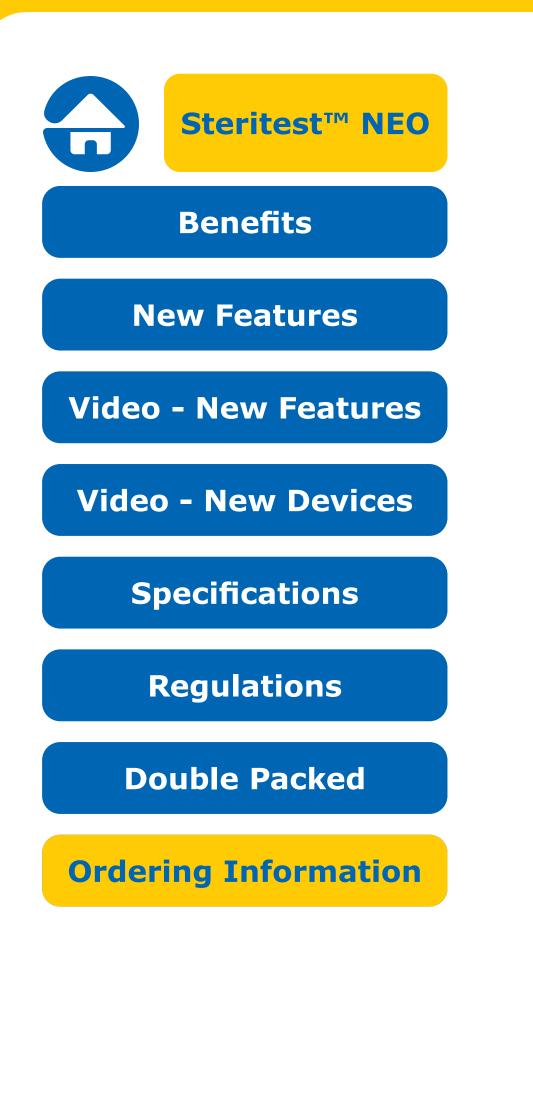
• To be used for difficult to dissolve powders, dilution and pooling of viscous products in vials as well as antibiotics (to reduce the contact

• Diluted product subsequently filtered with suitable Steritest<sup>™</sup> NEO canisters



**Order Now** 





# **Ordering Information**

## **Sterility Testing Accessories for Liquid Transfer and Dilution**

#### **Application**

Steridilutor<sup>®</sup> NEO Devices without for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices with Ex for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices for Liqu Steritest<sup>™</sup> Vent Needles

More Add to Cart **Product #** Information X **Steridilutor® NEO Devices with Expansion** 

# **Chamber for Sample Preparation and Dilution (TZVC00010)**

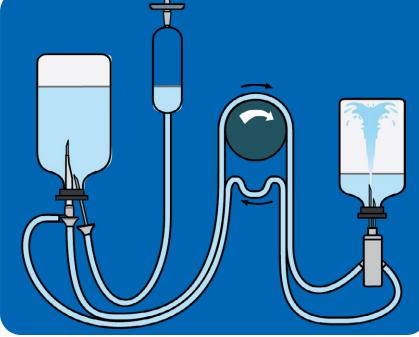
• Tubing and needle assembly to dissolve powders, for dilution and pool products in vials

• 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

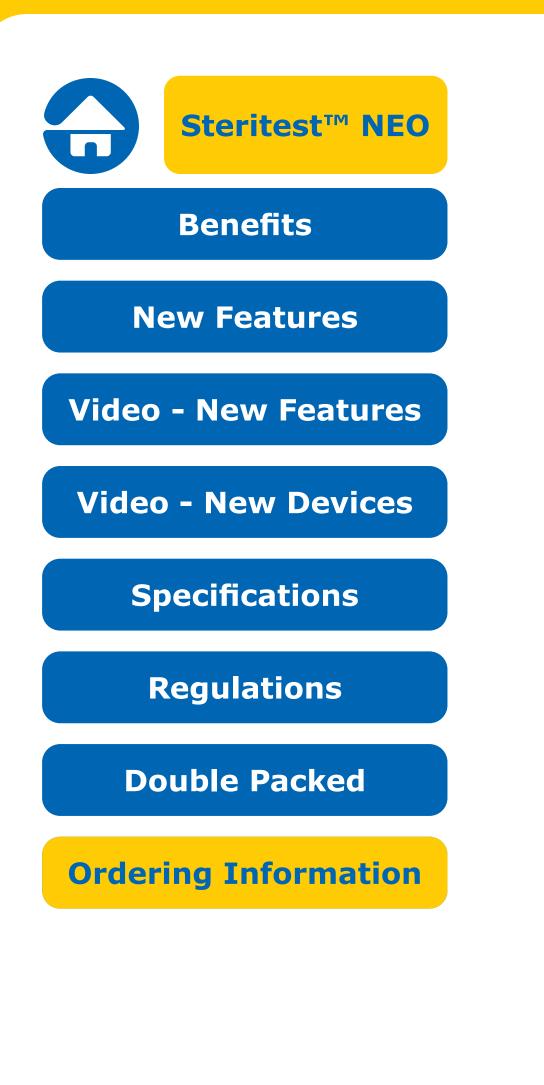
• Small diameter double needle connects test product to diluent

• Diluted product subsequently filtered with suitable Steritest<sup>™</sup> NEO canisters



**Order Now** 





# **Ordering Information**

#### Application

Steridilutor<sup>®</sup> NEO Devices without for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices with Ex for Sample Preparation and Dilution

Steridilutor<sup>®</sup> NEO Devices for Liqu

Steritest<sup>™</sup> Vent Needles

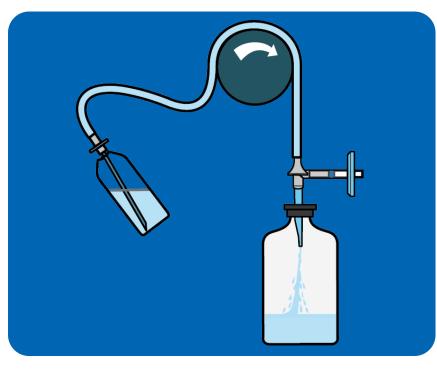
**Sterility Testing Accessories for Liquid Transfer and Dilution** 

<b>Product</b> #	More Information	Add to Ca

## **Steridilutor® NEO Devices for Liquid Transfer** (TZA000010)

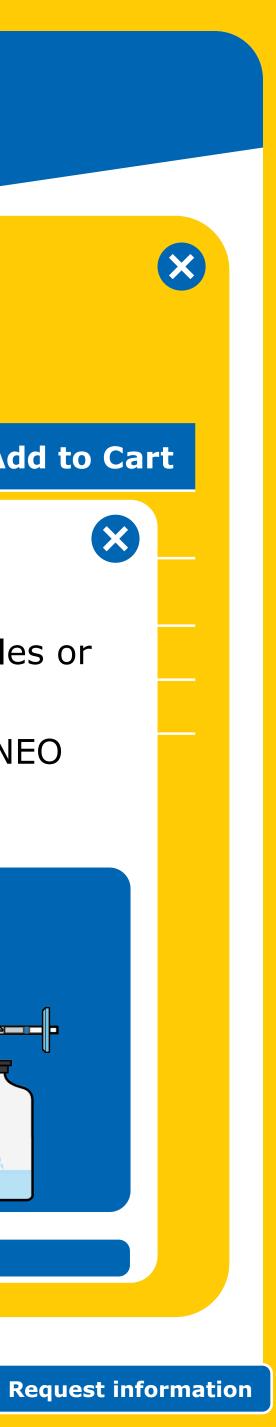
• Tubing and needle assembly for transfer of liquids from ampoules or vials to a diluent vial with septum pooling

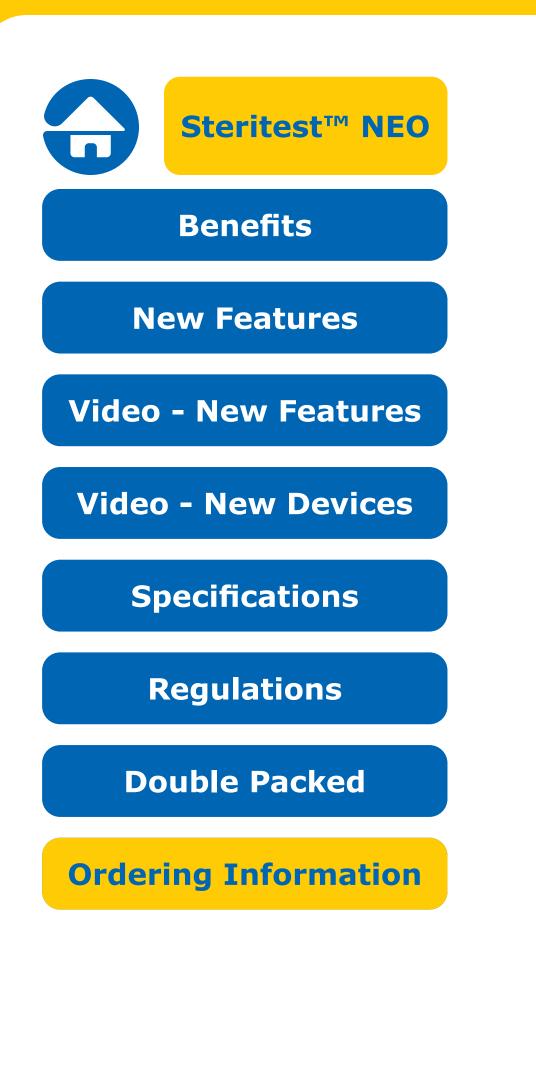
 Diluted products subsequently tested with suitable Steritest<sup>™</sup> NEO canister



**Request a Quote** 

**Order Now** 





# **Ordering Information**

### Application

Steridilutor<sup>®</sup> NEO Devices without for Sample Preparation and Dilution Steridilutor<sup>®</sup> NEO Devices with Ex for Sample Preparation and Dilution • S Steridilutor<sup>®</sup> NEO Devices for Liqu

Steritest<sup>™</sup> Vent Needles

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- F
- F

**Sterility Testing Accessories for Liquid Transfer and Dilution** 

	Product #	More Information	Add to Ca
Steritest™ Vent Needle (TEFG02525)	<b>2S</b>		×
<ul> <li>Single needle vented with P</li> </ul>	TFE 0.22 µm men	nbrane	
<ul> <li>For venting glass vials with</li> </ul>	septa and rigid pla	astic vials	
<ul> <li>For venting of media bottles</li> </ul>	s during the direct	inoculation me	thod
<ul> <li>For sterility and growth pror</li> </ul>	motion qualificatio	on of media bate	ches



**Order Now** 



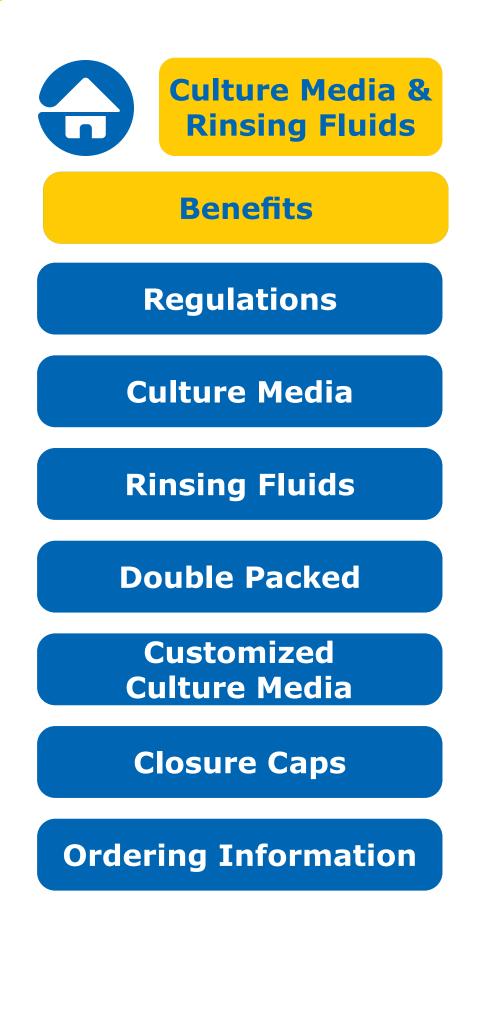


Our sterility media and rinsing fluids are a critical component of your Steritest<sup>™</sup> solution. They provide the highest level of quality and testing confidence. They have been formulated and tested to meet the requirements of the USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>. Steritest<sup>™</sup> 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<sup>®</sup> 9001 controlled Fluids A, D, and K can be used in combination environments where each lot is certified for pH, with the Steritest<sup>™</sup> sterility testing system or sterility, and growth promotion using ATCC® for bioburden testing to rinse membranes and strains specified by the USP. dilute or dissolve samples.

## 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.

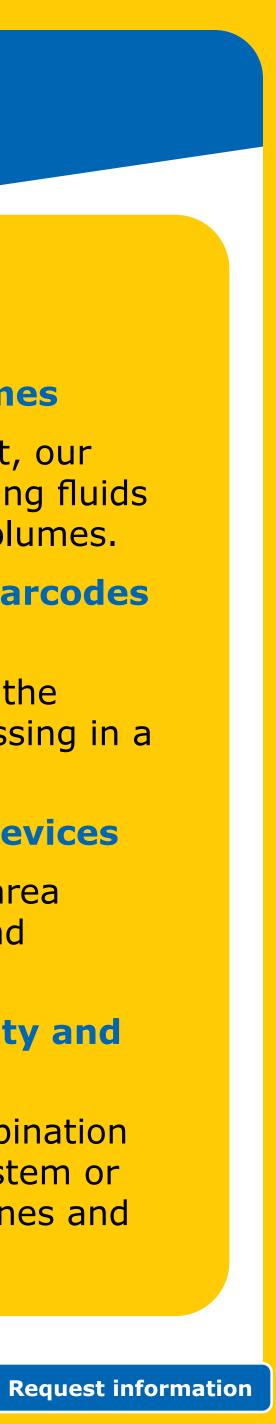
### • Improved traceability through barcodes on each bottle

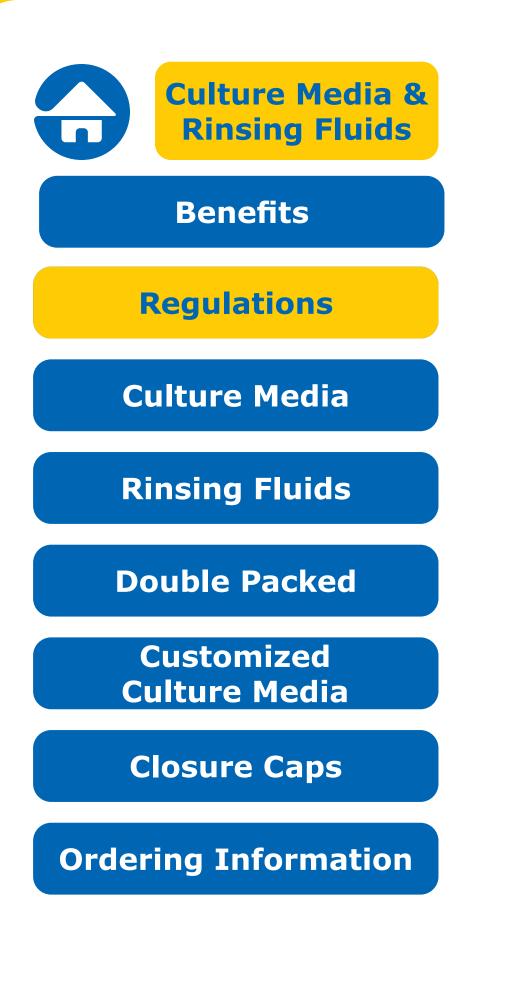
Simply scan the 2D barcode to access the product-related data. Easy data processing in a broad range of systems.

### • Easy to use with all Steritest<sup>™</sup> 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





# **Regulations and Industry benchmark**

### Regulations

### Regulations

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

- sterile products
- Japanese Pharmacopoeia, 4.06 Sterility test



• European Pharmacopoeia, 2.6.1 Sterility, 2.6.12 & 2.6.13. Microbiological examination of non

• United States Pharmacopoeia, <71> Sterility tests, <61> & <62> Microbiological examination of non sterile products; <1227> Validation of microbial recovery from pharmacopoeial articles





# **Regulations and Industry benchmark**

### Regulations

## **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

### **Certificate of Quality**

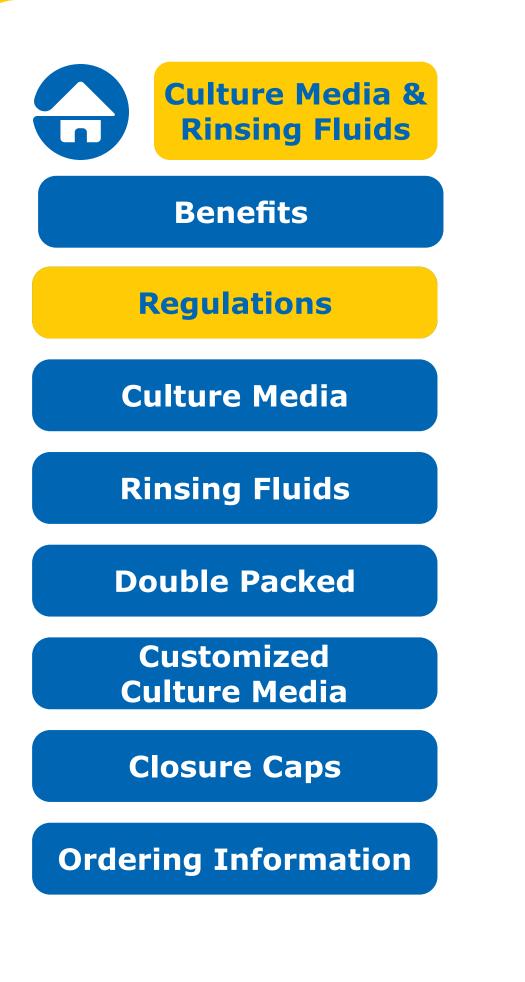
before release.

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



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





# **Regulations and Industry benchmark**

### Regulations

# **Documented Qualification**

sterility testing.

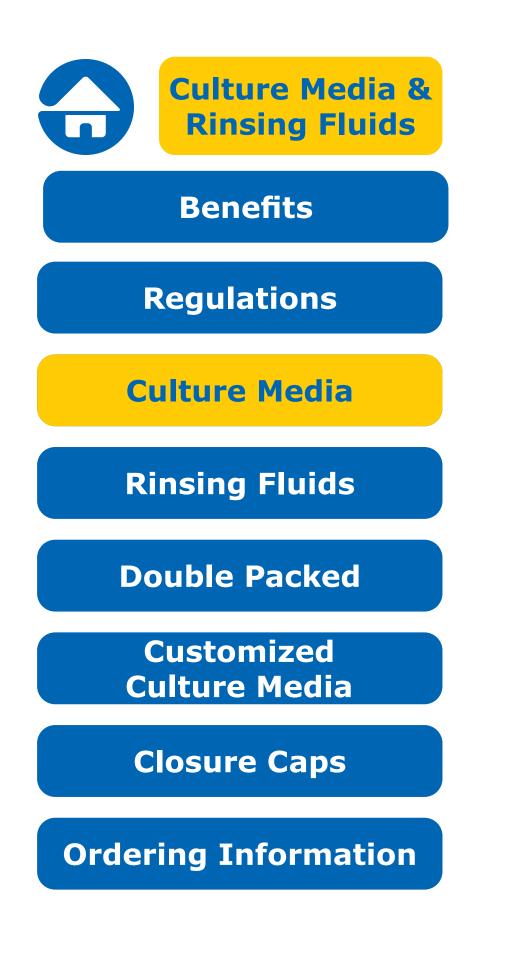
Validation summaries can be provided upon request.

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



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





# **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-enrichment broth for non sterile products. Compliant to the USP, EP and JP Pharmacopoeias.

### **Material Table**

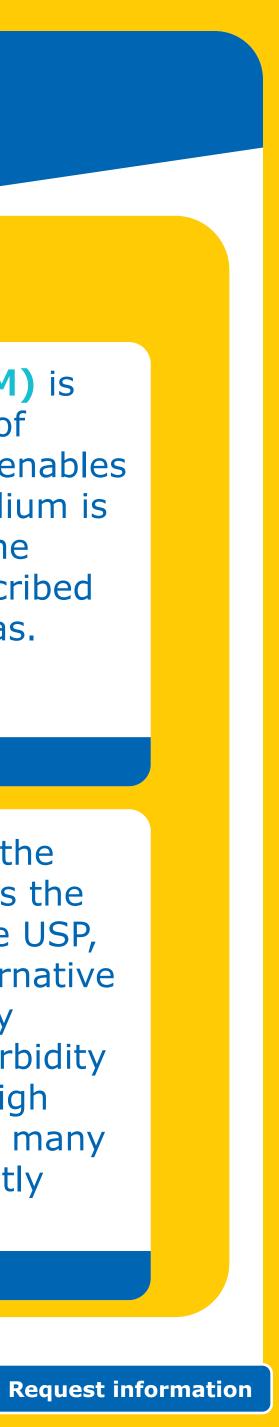


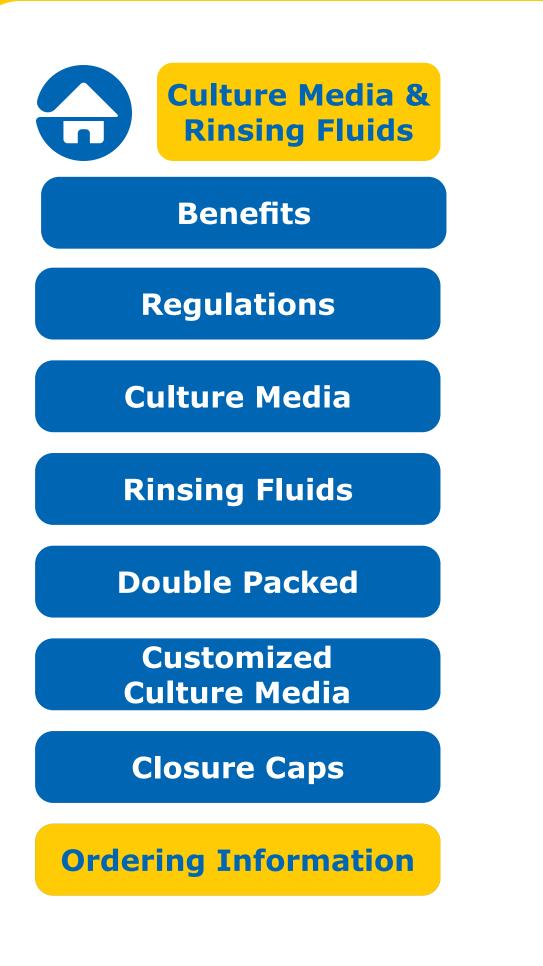
Fluid Thioglycollate Medium (FTM) is primarily intended for the detection of anaerobic bacteria. However, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation as described in the USP, EP and JP Pharmacopoeias.

### **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**



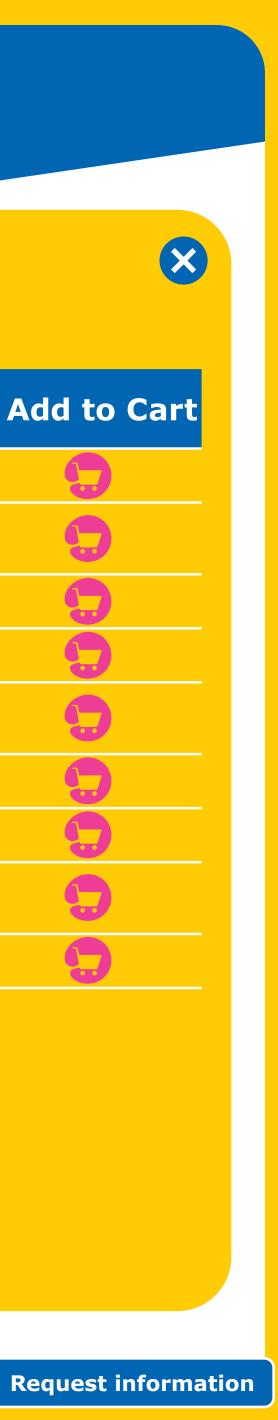


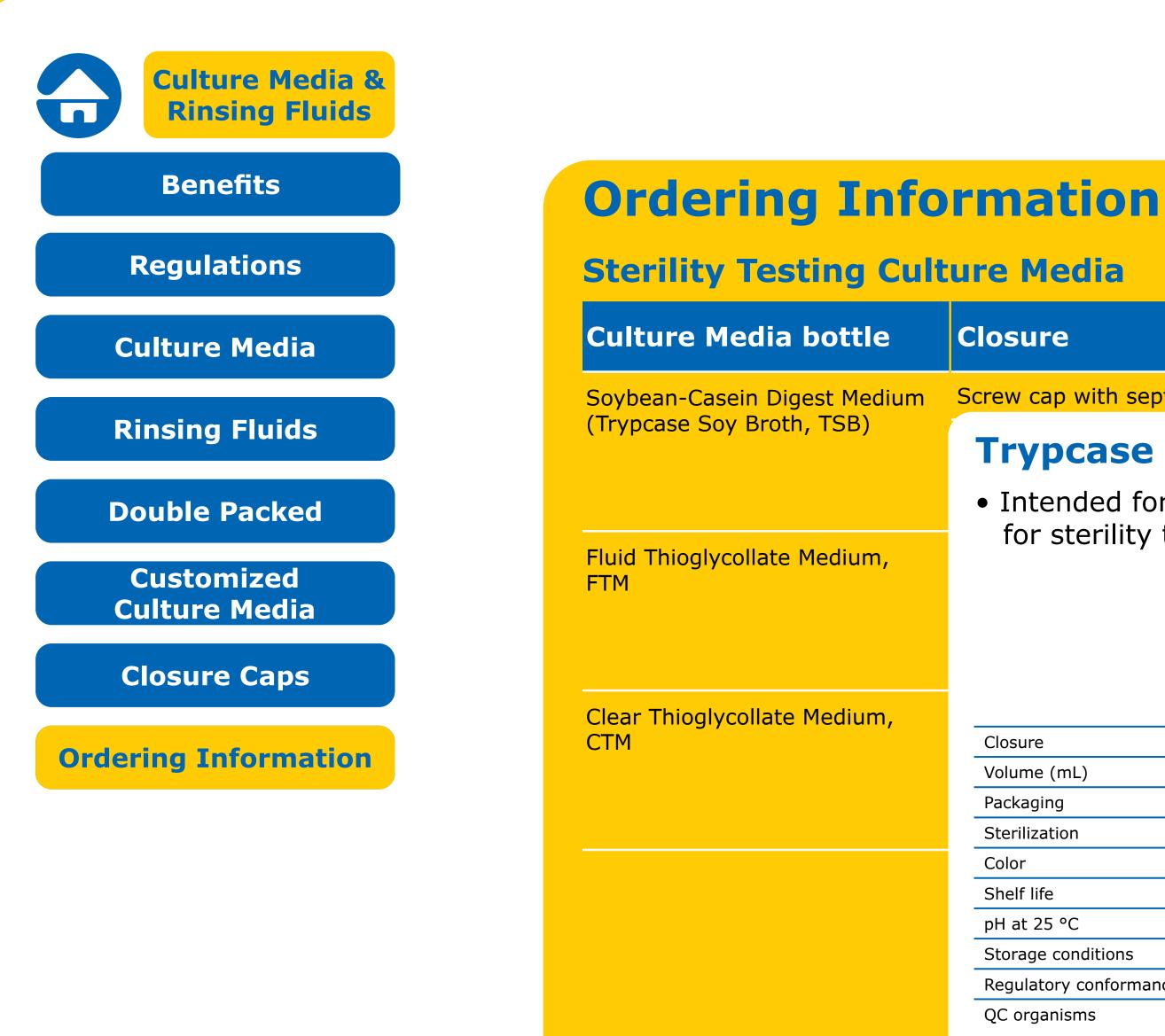
## **Sterility Testing Culture Media**

Culture Media bottle	Closure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
Soybean-Casein Digest Medium	Screw cap with septum	100 mL	12	STBMTSB12		9
(Trypcase Soy Broth, TSB)	Screw cap with septum – OP double packed	100 mL	12	STBMTSB12DP	()	9
	Crimp cap with septum	100 mL	10	1.46317		9
Fluid Thioglycollate Medium,	Screw cap with septum	100 mL	12	STBMFTM12		9
FTM	Screw cap with septum – OP double packed	100 mL	12	STBMFTM12DP	()	9
	Crimp cap with septum	100 mL	10	1.46406		9
Clear Thioglycollate Medium,	Screw cap with septum	100 mL	12	STBMCTM12		9
СТМ	Screw cap with septum – OP double packed	100 mL	12	STBMCTM12DP	()	9
	Crimp cap with septum	100 mL	10	1.46456		9

**Complete Sterility Testing Offer** 







**DP** = Double Packeu

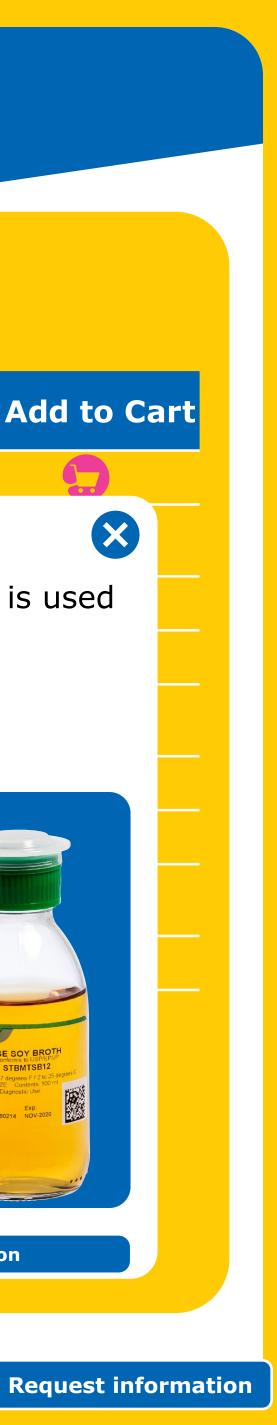
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
w cap with septum	100 mL	12	STBMTSB12		

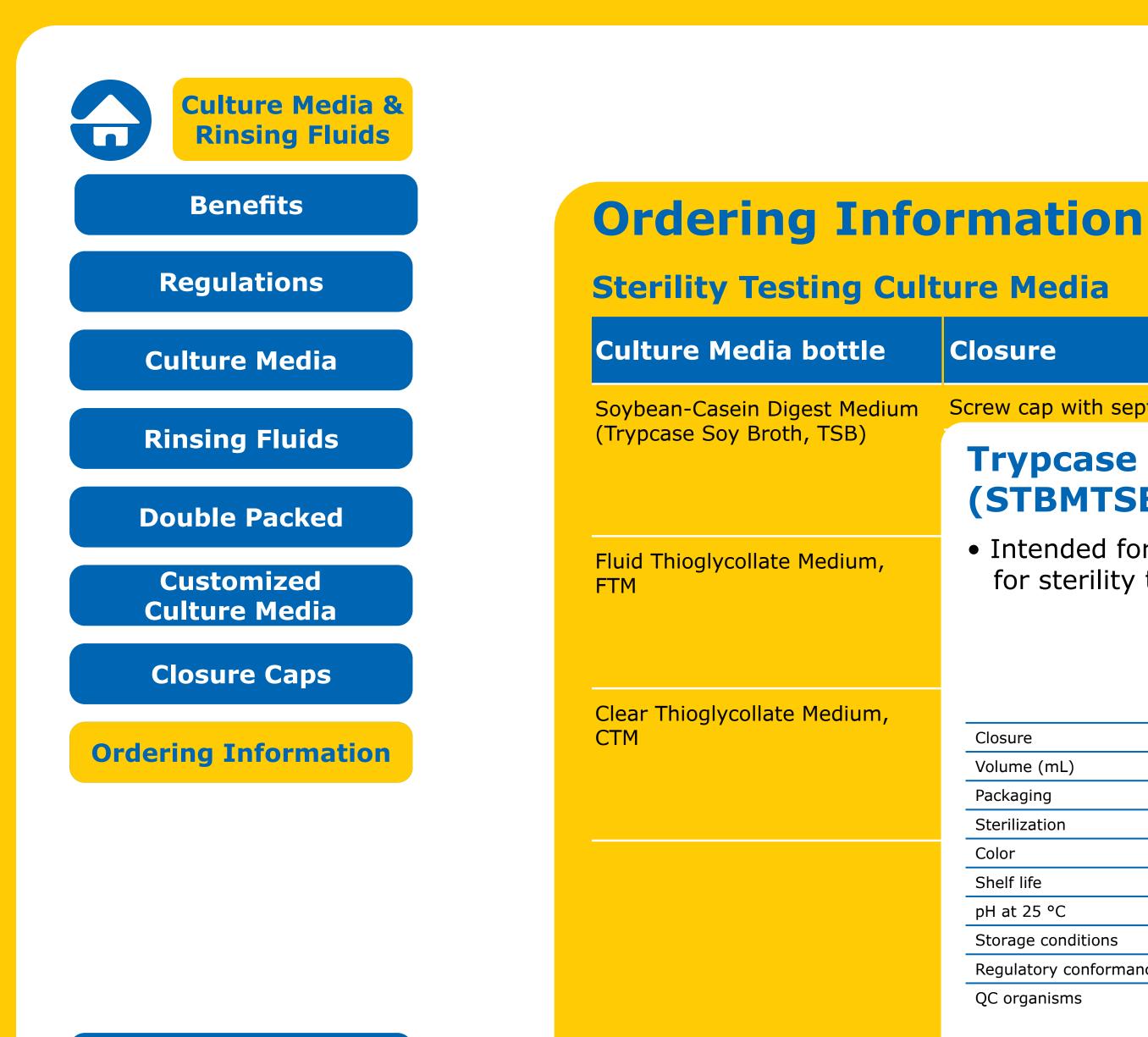
## Trypcase Soy Broth, TSB (STBMTSB12)

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

sure	Screw cap with septum
ume (mL)	100 mL
kaging	12 per pack
rilization	Autoclaving
or	Light yellow clear
If life	12 months
at 25 °C	pH 7.3 ±0.2
rage conditions	Room Temperature (2 to 25 °C)
ulatory conformance	USP <71>
organisms	<i>B. subtilis</i> (ATCC 6633), <i>C. albicans</i> (ATCC 10231), <i>A. niger</i> (ATCC 16404), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)
	Order Now







**DP** = Double Packeu

sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
w cap with septum	100 mL	12	STBMTSB12		

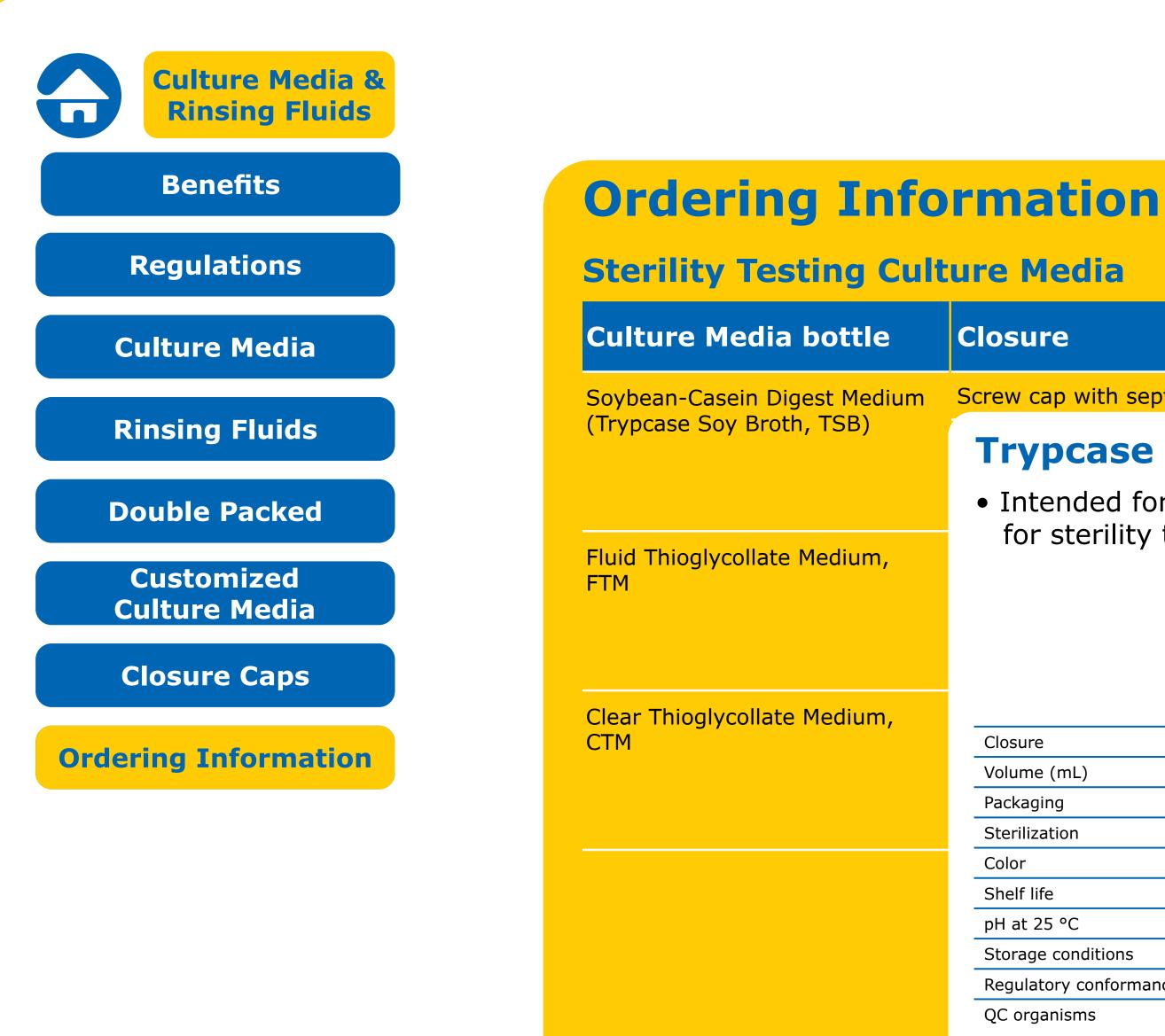
## **Trypcase Soy Broth, TSB - Double-packed** (STBMTSB12DP)

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

sure	Screw cap with septum - double packed
ume (mL)	100 mL
kaging	12 per pack
rilization	Autoclaving + Ethylene oxide
or	Light yellow clear
If life	12 months
at 25 °C	pH 7.3 ±0.2
rage conditions	Room Temperature (2 to 25 °C)
ulatory conformance	USP <71>
organisms	<i>B. subtilis</i> (ATCC 6633), <i>C. albicans</i> (ATCC 10231), <i>A. niger</i> (ATCC 16404), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)
	Order Now







DP = Double Packeu

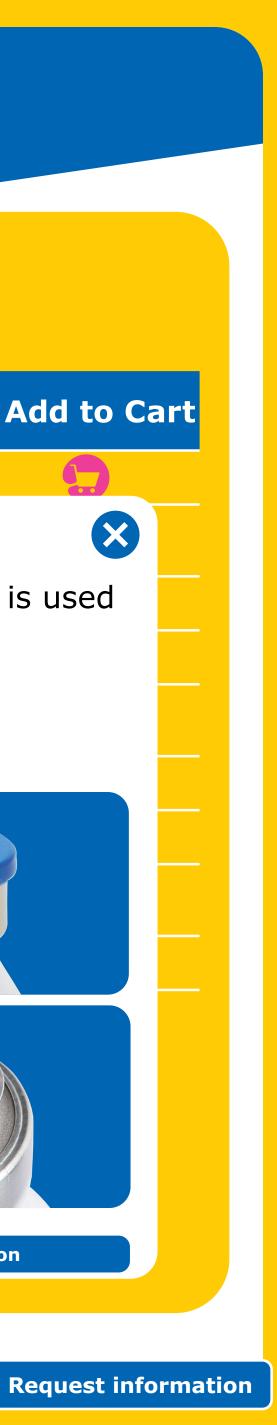
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
w cap with septum	100 mL	12	STBMTSB12		

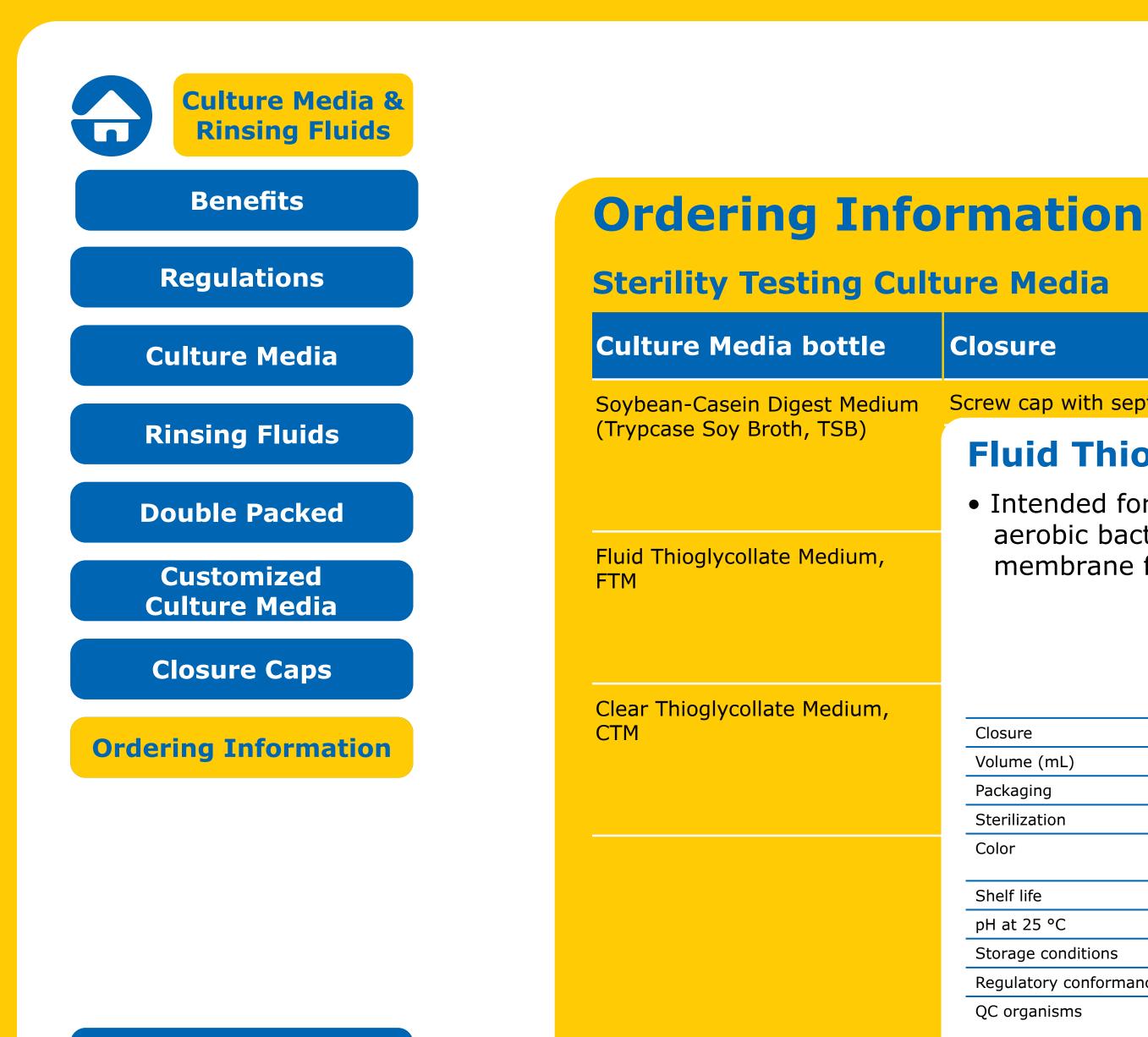
## Trypcase Soy Broth, TSB (1.46317)

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

sure	Crimp cap with septum
ume (mL)	100 mL
kaging	12 per pack
rilization	Autoclaving
or	Light yellow clear
If life	12 months
at 25 °C	pH 7.3 ±0.2
rage conditions	Room Temperature (2 to 25 °C)
ulatory conformance	USP <71>
organisms	<i>B. subtilis</i> (ATCC 6633), <i>C. albicans</i> (ATCC 10231), <i>A. niger</i> (ATCC 16404), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)
	Order Now







**DP** = Double Packeu

Closure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
Screw cap with septum	100 mL	12	STBMTSB12		

# 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	<i>C. sporogenes</i> (ATCC 11437), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)			
Order Now				
Keu				







# **Ordering Information**

## **Sterility Testing Culture Media**

Culture Media bottle	Closure	Volume (mL)	Qty/pk	Product	
Soybean-Casein Digest Medium	Screw cap with septum	100 mL	12	STBMTSB	
(Trypcase Soy Broth, TSB)	Fluid Thioglycollate Medium, FTM - (STBMFTM12DP)				
Fluid Thioglycollate Medium, FTM	<ul> <li>Intended for the details</li> <li>aerobic bacterial de membrane filtration</li> </ul>	tection. Th	nis mediu	m is used	
Clear Thioglycollate Medium, CTM	Closure Sc	rew cap with sept	tum - double pa	cked	
	Volume (mL) 10	0 mL			
	Packaging 12	per pack			
	Sterilization Au	Autoclaving + ethylene oxide			
		ear, with no preci rticles	pitate and free o	of visible	
	Shelf life 12	months			
	pH at 25 °C pH	17.1 ±0.2			
	Storage conditions Ro	om Temperature	(2 to 25 °C)		
	Regulatory conformance US	SP <71>			
	QC organisms C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)				
		Order Now			
<b>DP</b> = Double P	аскеи				

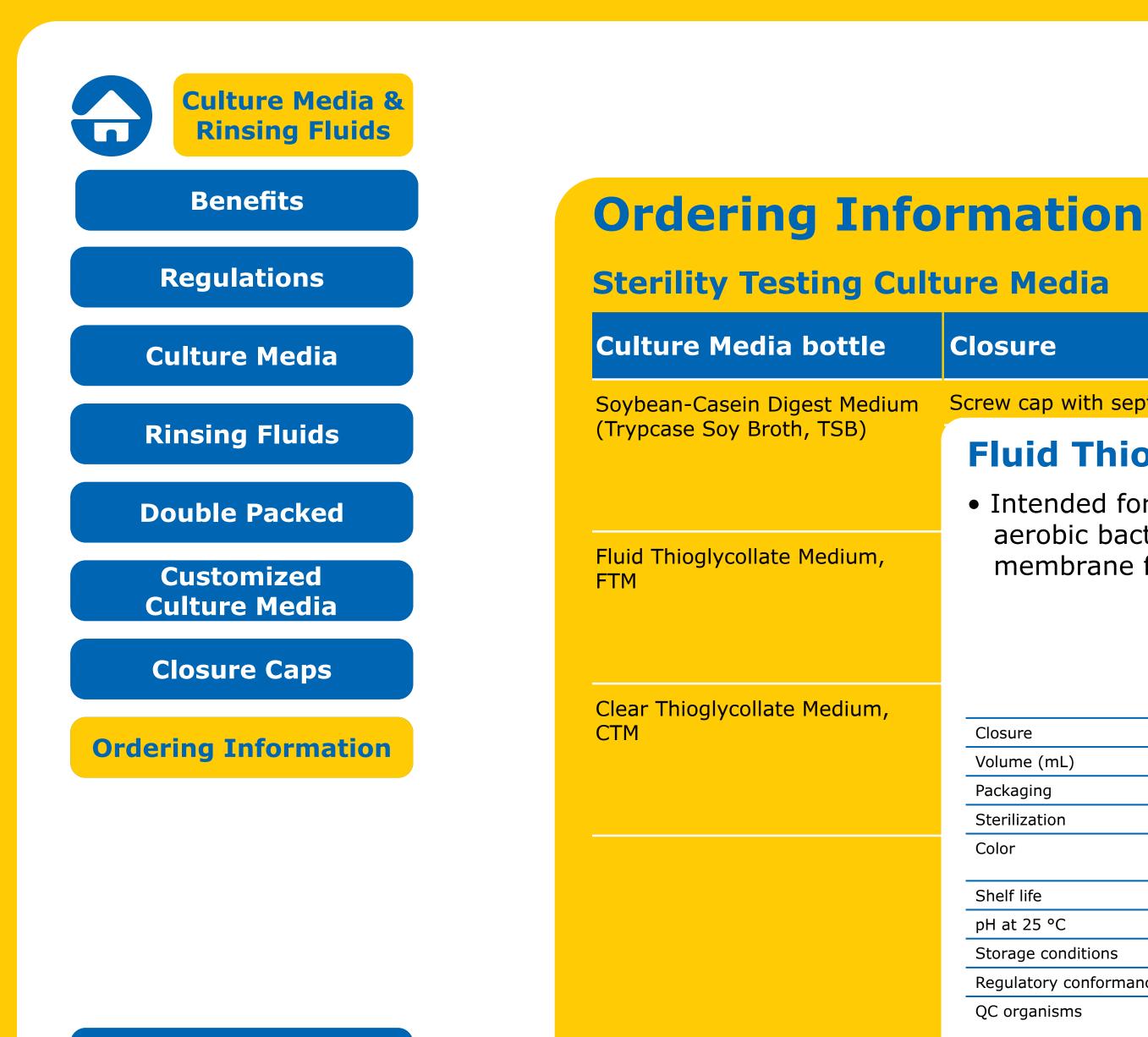
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
w cap with septum	100 mL	12	STBMTSB12		

# - Double-packed

however, it also enables d for sterility testing by







DP = Double Packeu

Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
Screw cap with septum	100 mL	12	STBMTSB12		

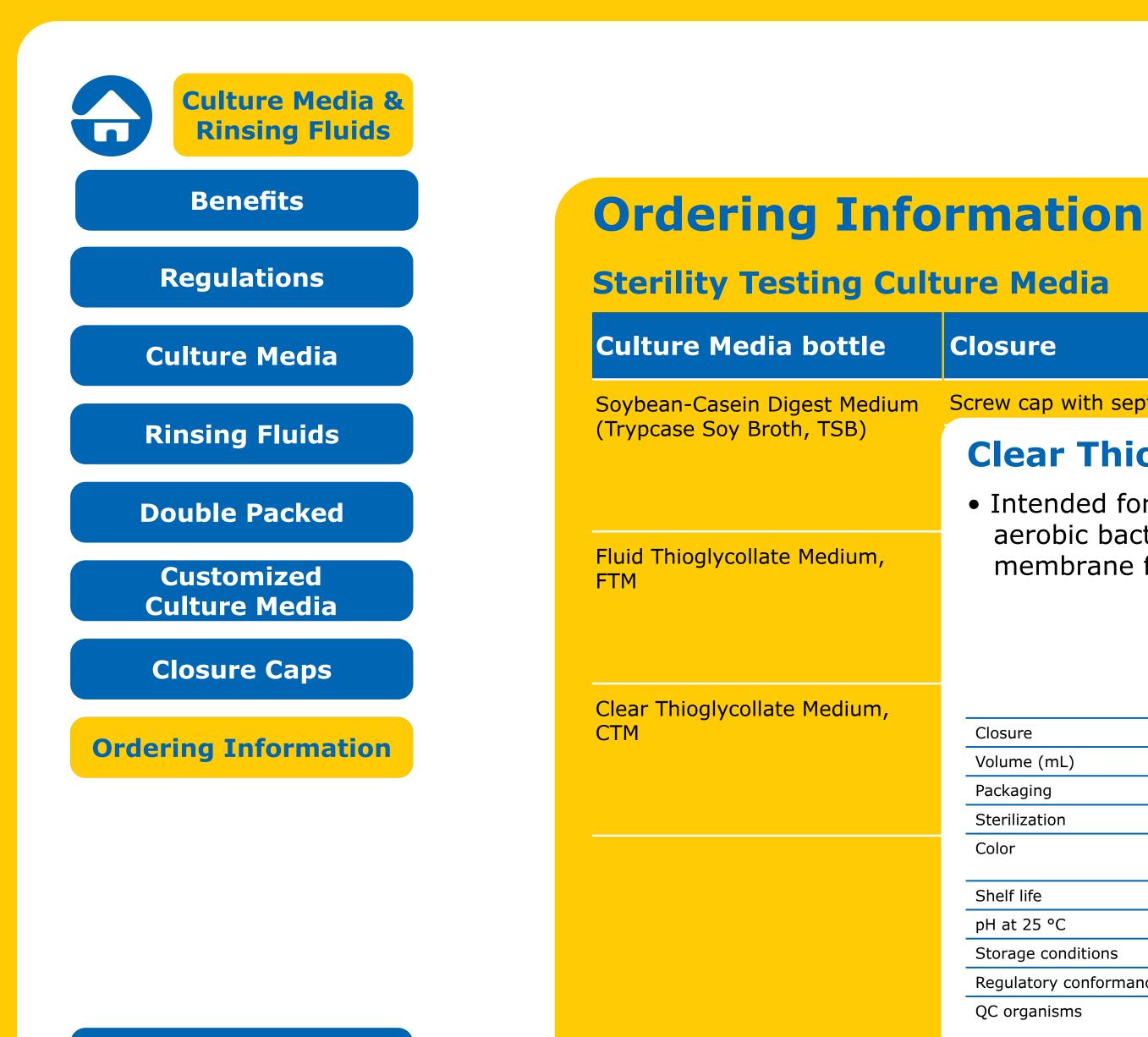
## Fluid Thioglycollate Medium, FTM (1.46406)

• 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.

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	<i>C. sporogenes</i> (ATCC 11437), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)
	Order Now







**DP** = Double Packeu

Closure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
Screw cap with septum	100 mL	12	STBMTSB12		

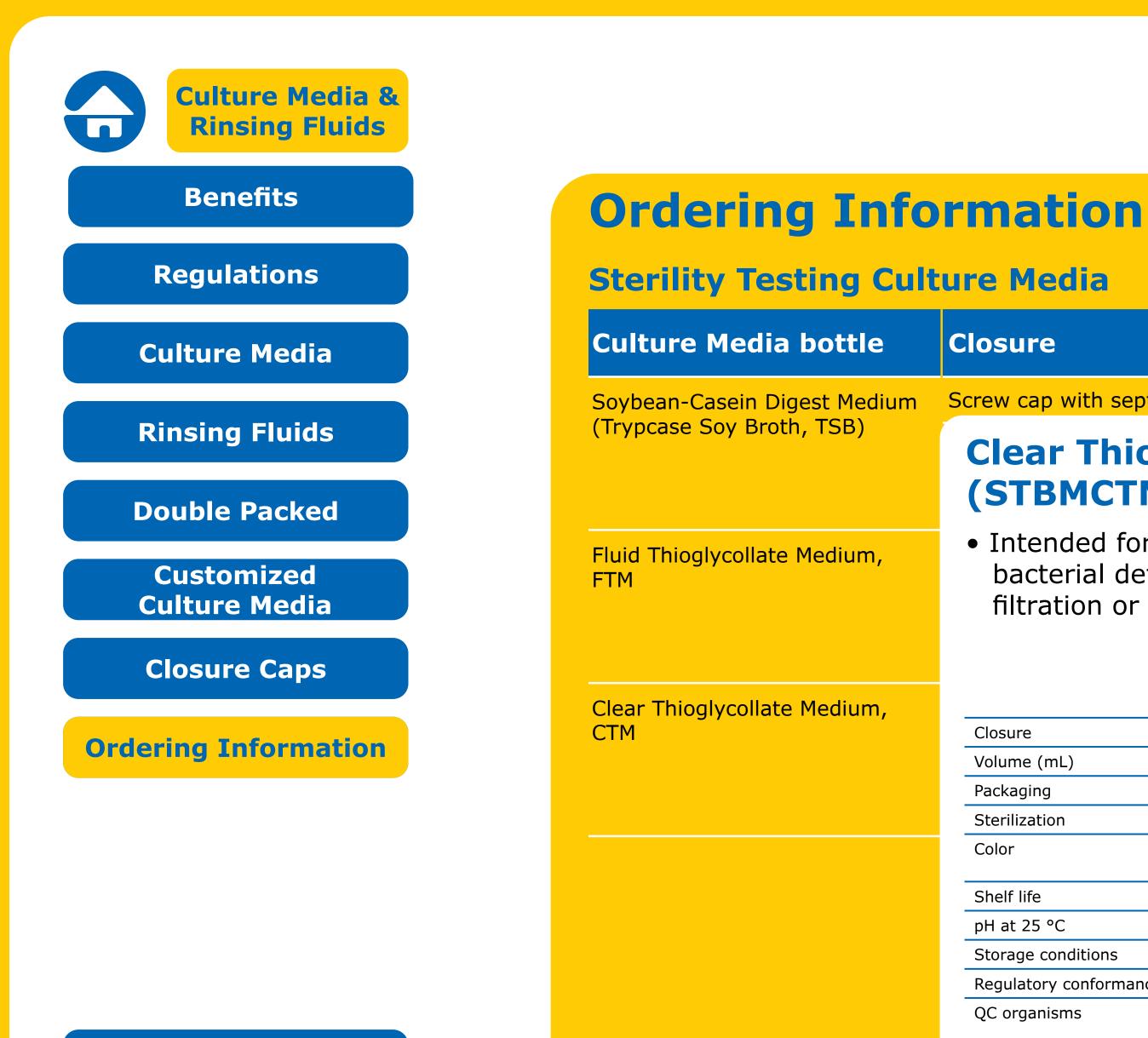
## **Clear Thioglycollate Medium, CTM (STBMCTM12)**

• 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	<i>C. sporogenes</i> (ATCC 11437), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)			
	Order Now			
Keu				







**DP** = Double Packeu

Closure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
Screw cap with septum	100 mL	12	STBMTSB12		

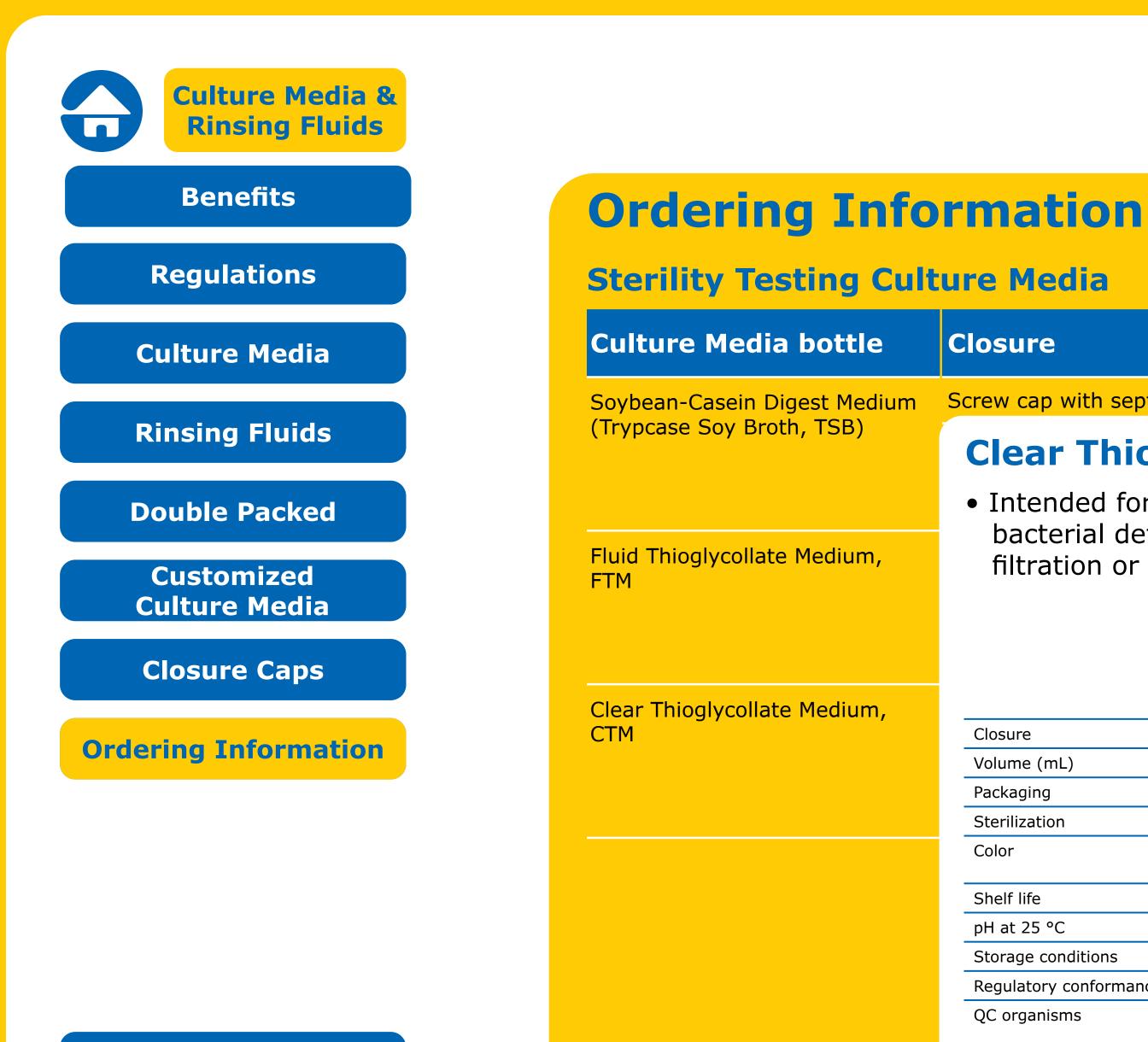
## **Clear Thioglycollate Medium, CTM - Double-packed** (STBMCTM12DP)

• 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	<i>C. sporogenes</i> (ATCC 11437), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)			
	Order Now			
Keu				







**DP** = Double Packeu

sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
w cap with septum	100 mL	12	STBMTSB12		

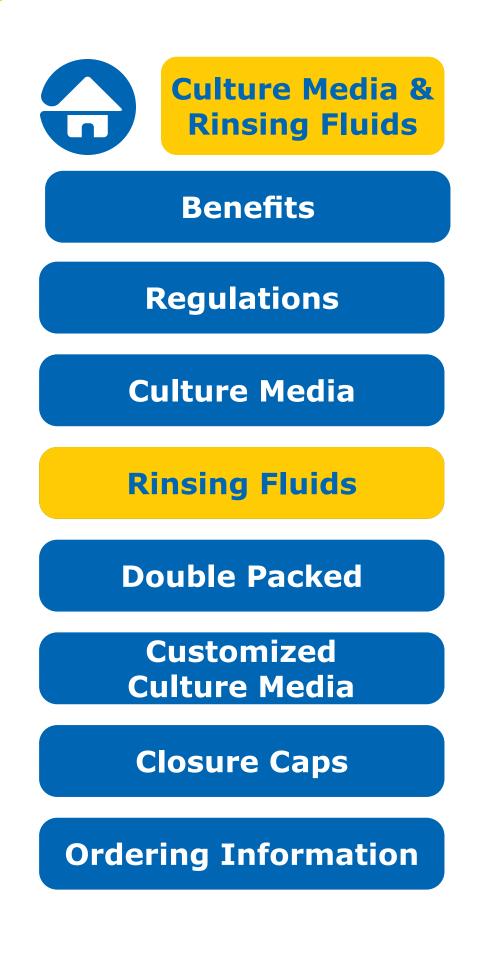
## **Clear Thioglycollate Medium, CTM (1.46456)**

• 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.

sure	Crimp cap with septum
ıme (mL)	100 mL
kaging	10 per pack
rilization	Autoclaving
or	Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
lf life	12 months
at 25 °C	pH 7.1 ±0.2
rage conditions	Room Temperature (2 to 25 °C)
ulatory conformance	USP <71>
organisms	<i>C. sporogenes</i> (ATCC 11437), <i>S. aureus</i> (ATCC 6538), <i>P. aeruginosa</i> (ATCC 9027)
	Order Now







# **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 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.

**Complete Sterility Testing Offer** 

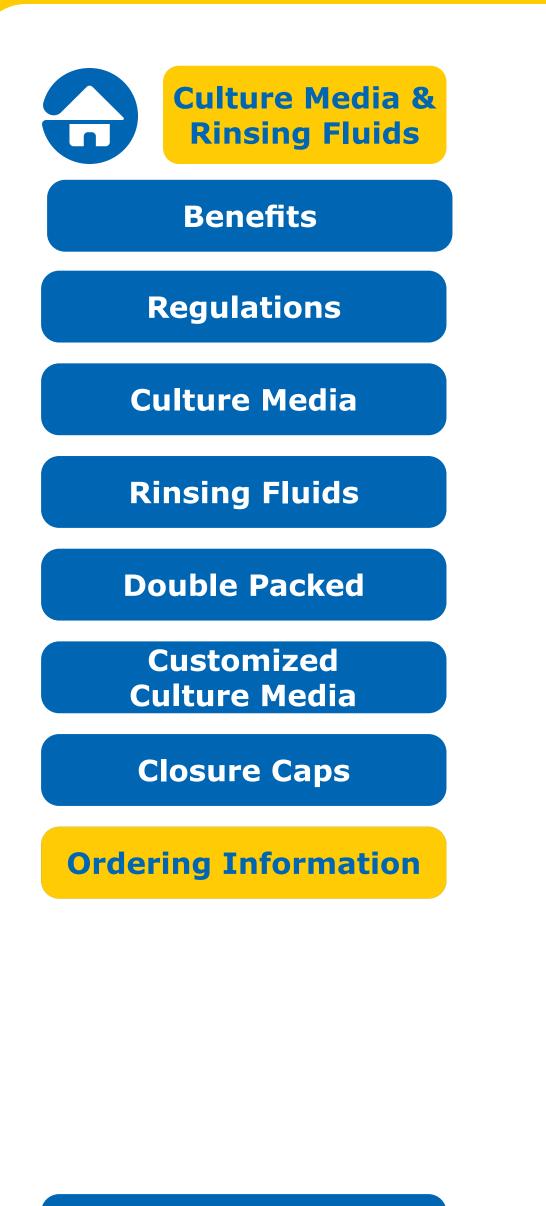
**Fluid D** is recommended by the United States Pharmacopeia (USP) for the rinsing of solutions containing oil or lecithin during sterility testing by membrane filtration. Fluid D can also be used for the removal of antimicrobial activity by membrane filtration for non sterile products.

### **Material Table**

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	<b>Product</b> #	More Information	Add to C
USP Rinse Fluid A		900 mL	4	STBMRFA94		9
	Corow con with contum	600 mL	4	STBMRFA64		9
	Screw cap with septum	300 mL	4	STBMRFA34		
		100 mL	12	STBMRFA12		9
	Screw cap with septum – of double packed	P 100 mL	12	STBMRFA12DP		9
	Crimp cap with contum	300 mL	6	1.46415		9
Crimp cap with septum		100 mL	10	1.46470		9
USP Rinse Fluid D	Screw cap with septum	300 mL	4	STBMRFD34		9
	Crimp cap with septum	300 mL	6	1.46483		9
USP Rinse Fluid K	Screw cap with septum	300 mL	4	STBMRFK34		•

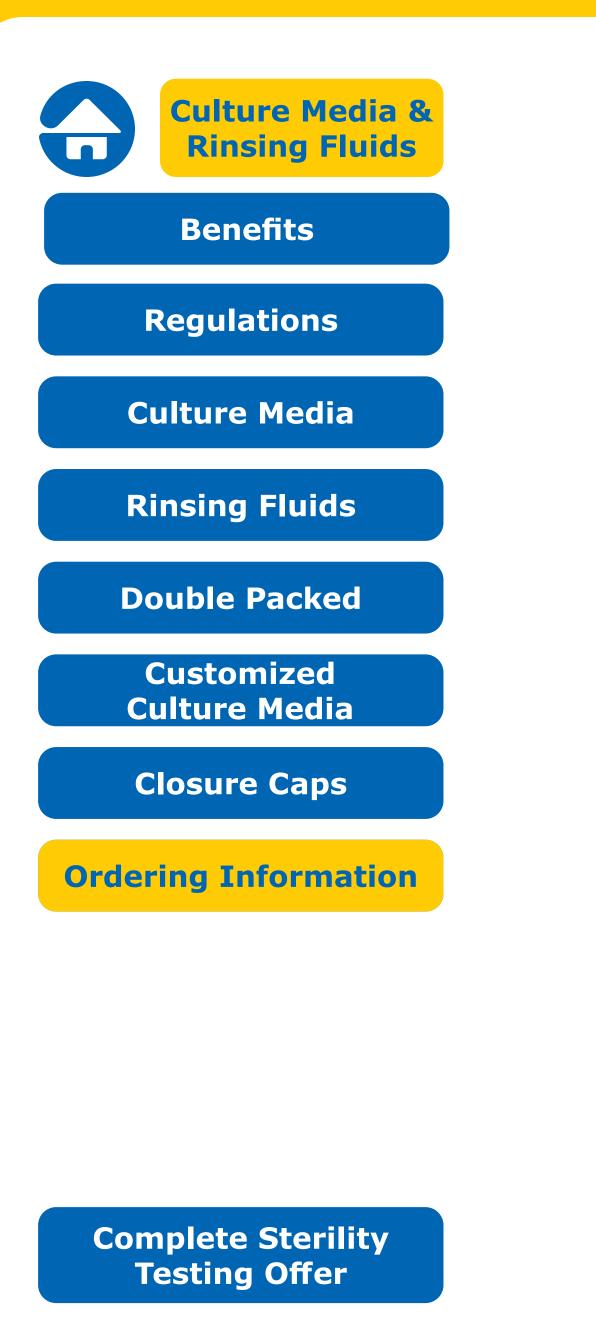
### Solvent

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



**DP** = Double Packed





## **Sterility Testing Rinsing Fluids**

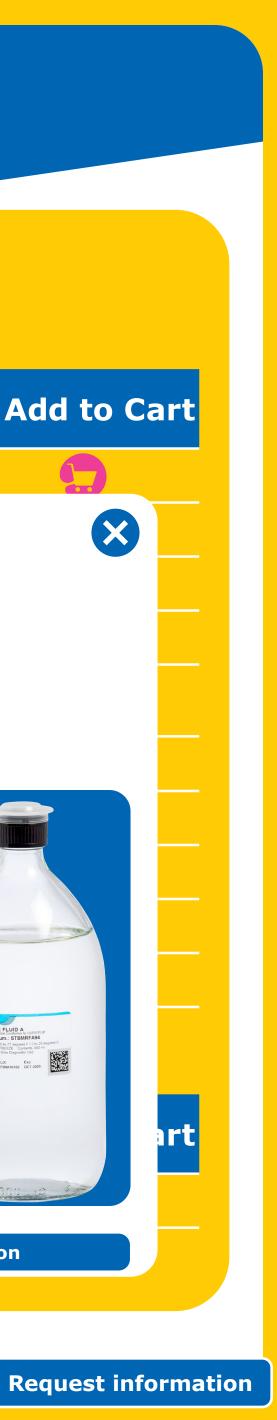
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk				
USP Rinse Fluid A		900 mL	4	STBMRFA			
	Rinsing Fluid USP Rinse Fluid A (ST						
	<ul> <li>Suitable as a gen Excellent for diss microorganisms,</li> </ul>	olving or dilu	uting sam	, ples, recor			
	Closure	Screw cap with sep	tum				
USP Rinse Fluid D	Volume (mL)	900 mL	00 mL				
	Packaging	4 per pack	per pack				
	Sterilization	Autoclaving					
USP Rinse Fluid K	Color	Clear, with no preci particles	pitate and free o	of visible			
	Shelf life	12 months					
Solvent	pH at 25 °C	pH 7.1 ±0.2					
Suivent	Storage conditions	Room Temperature	(2 to 25 °C)				
Rinse fluid	Regulatory conformance	USP <71>, EP <2.6	5.1>, JP <4.06>				
solution bottle	QC organisms	S. aureus (ATCC 65		• • • •			
Sterile Isopropyl Myristate (IPM)		<i>P. aeruginosa</i> (ATC 10231), <i>A. niger</i> (A (ATCC 11437)		•			
		Order Now					
<b>DP</b> = Double Pa	ackeu						

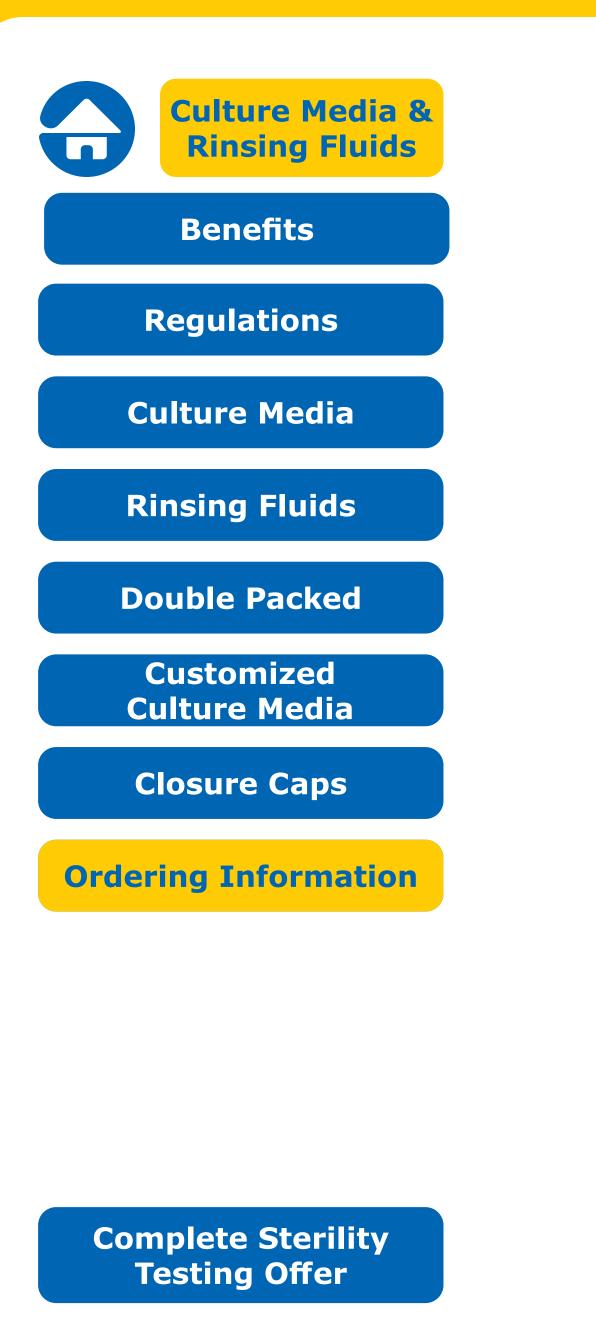
sure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
	900 mL	4	STBMRFA94		

## TBMRFA94)

le with most samples. onstituting commercial nicroorganisms.







## **Sterility Testing Rinsing Fluids**

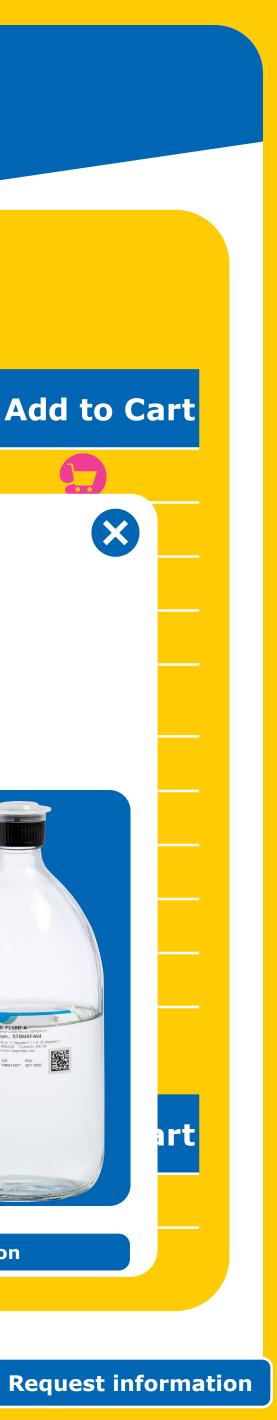
solution bottle	Closure	Volume (mL)	Qty/pk	
JSP Rinse Fluid A		900 mL	4	STBMRFA
	<b>Rinsing Fluid</b>	d USP Rin	se Flui	d <mark>A (</mark> S1
	<ul> <li>Suitable as a ge Excellent for dis microorganisms</li> </ul>	solving or dilu	iting samp	oles, recoi
	Closure	Screw cap with sep	tum	
ISP Pince Fluid D	Volume (mL)	600 mL		
JSP Rinse Fluid D	Volume (mL) Packaging	600 mL 4 per pack		
JSP Rinse Fluid D	· ·			
JSP Rinse Fluid D JSP Rinse Fluid K	Packaging	4 per pack	pitate and free o	of visible
	Packaging Sterilization	4 per pack Autoclaving Clear, with no preci	pitate and free o	of visible
JSP Rinse Fluid K	Packaging Sterilization Color	4 per pack Autoclaving Clear, with no preci particles	pitate and free o	of visible
	Packaging Sterilization Color Shelf life	4 per pack Autoclaving Clear, with no preci particles 12 months		of visible
JSP Rinse Fluid K	Packaging Sterilization Color Shelf life pH at 25 °C	4 per pack Autoclaving Clear, with no preci particles 12 months pH 7.1 ±0.2	(2 to 25 °C)	
JSP Rinse Fluid K Solvent	Packaging Sterilization Color Shelf life pH at 25 °C Storage conditions	4 per pack Autoclaving Clear, with no preciparticles 12 months pH 7.1 ±0.2 Room Temperature USP <71>, EP <2.0 S. aureus (ATCC 65	(2 to 25 °C) 5.1>, JP <4.06> 538), <i>B. subtilis</i> (	(ATCC 6633),
JSP Rinse Fluid K Solvent Rinse fluid	Packaging Sterilization Color Shelf life pH at 25 °C Storage conditions Regulatory conformance	4 per pack Autoclaving Clear, with no preci particles 12 months pH 7.1 ±0.2 Room Temperature USP <71>, EP <2.0	(2 to 25 °C) 5.1>, JP <4.06> 538), <i>B. subtilis</i> ( C 9027), <i>C. albic</i>	ATCC 6633), cans (ATCC

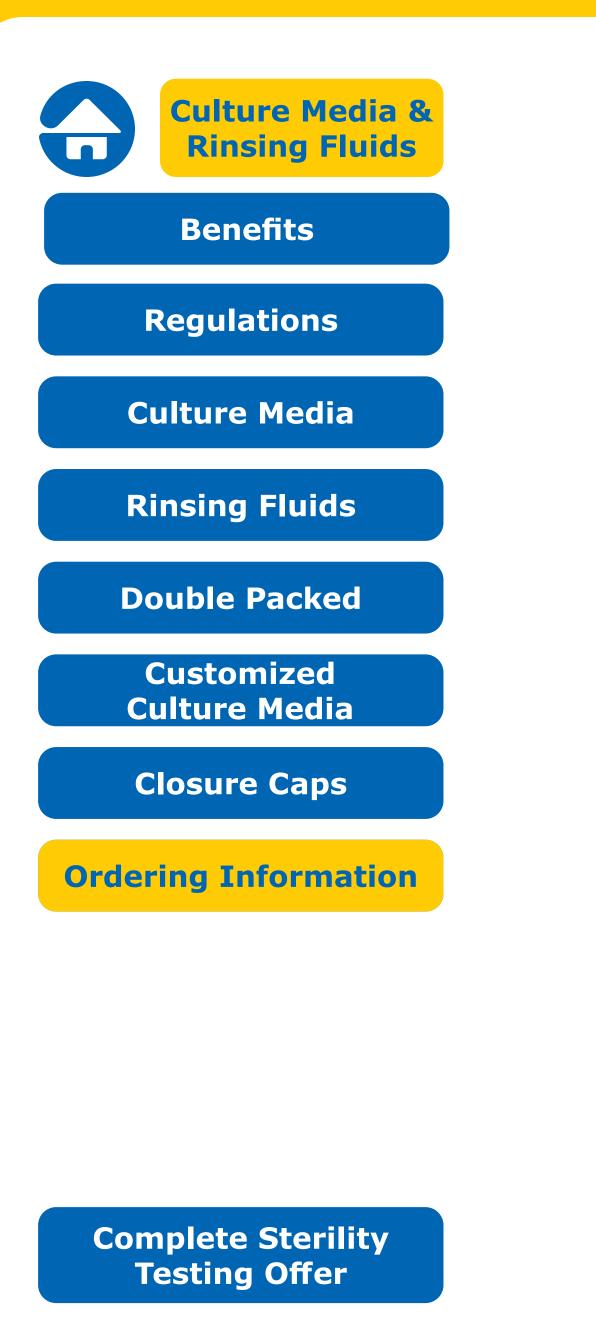
sure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
	900 mL	4	STBMRFA94		

## TBMRFA64)

le with most samples. onstituting commercial nicroorganisms.







## **Sterility Testing Rinsing Fluids**

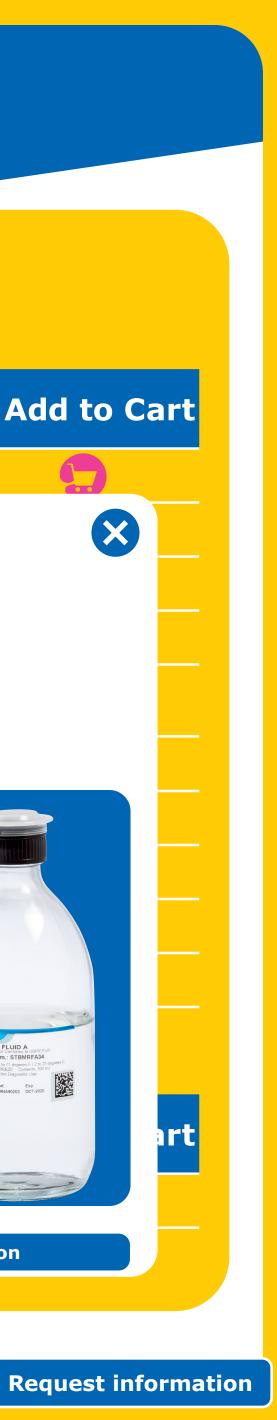
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk				
USP Rinse Fluid A		900 mL	4	STBMRFA			
	Rinsing Fluid USP Rinse Fluid A (ST						
	<ul> <li>Suitable as a ger Excellent for diss microorganisms,</li> </ul>	solving or dilu	iting sam	ples, recor			
	Closure	Screw cap with sep	tum				
USP Rinse Fluid D	Volume (mL)	300 mL	300 mL				
	Packaging	4 per pack					
	Sterilization	Autoclaving					
USP Rinse Fluid K	Color	Clear, with no preci particles	pitate and free o	of visible			
	Shelf life	12 months					
Solvent	pH at 25 °C	pH 7.1 ±0.2					
Suivenit	Storage conditions	Room Temperature	(2 to 25 °C)				
Rinse fluid	Regulatory conformance	USP <71>, EP <2.6	5.1>, JP <4.06>				
solution bottle	QC organisms	S. aureus (ATCC 65					
Sterile Isopropyl Myristate (IPM)		<i>P. aeruginosa</i> (ATC) 10231), <i>A. niger</i> (A (ATCC 11437)		•			
		Order Now					
(DP) = Double P	аскец						

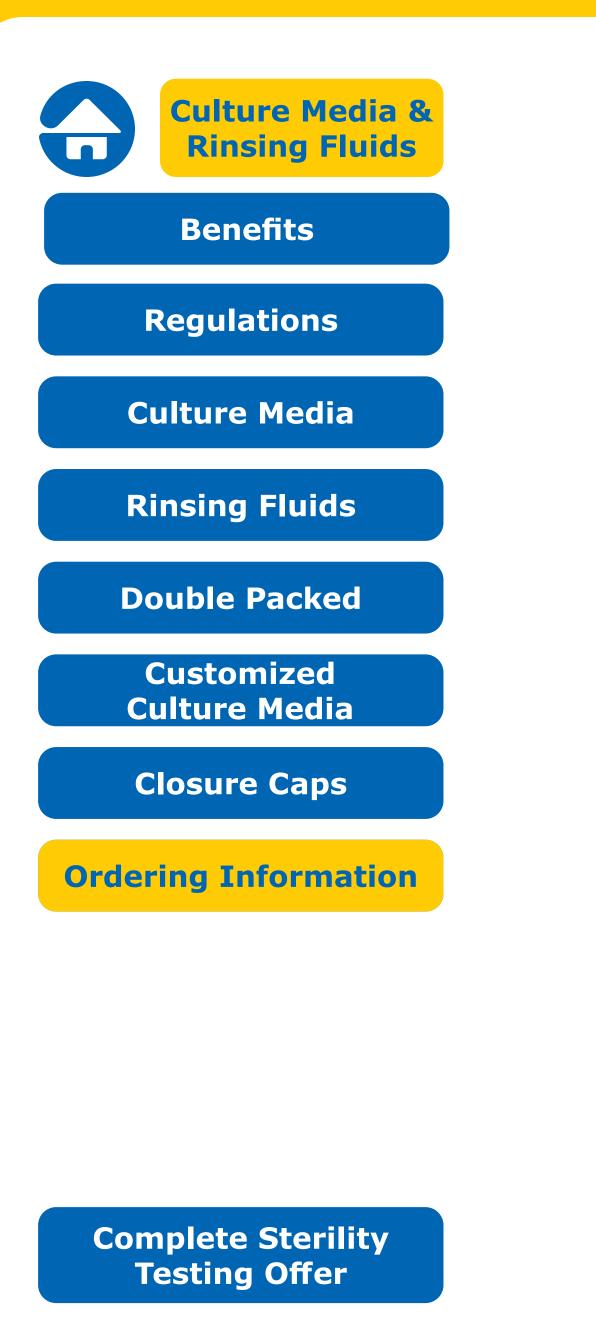
sure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
	900 mL	4	STBMRFA94		

## TBMRFA34)

le with most samples. onstituting commercial nicroorganisms.







## **Sterility Testing Rinsing Fluids**

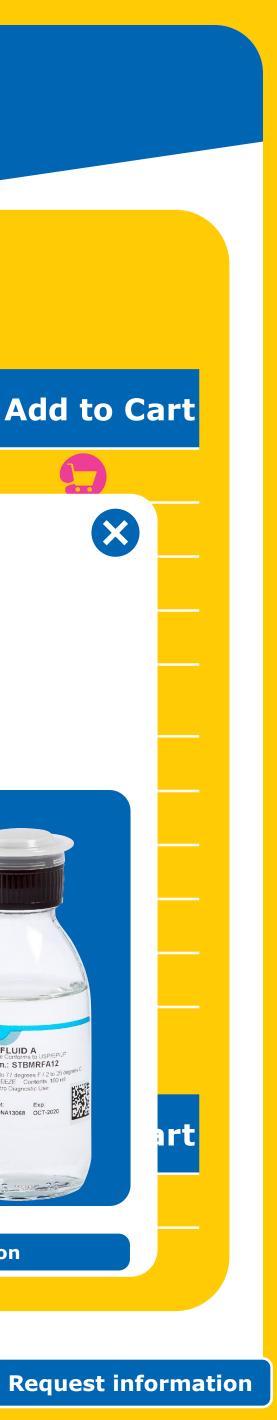
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product
USP Rinse Fluid A		900 mL	4	STBMRFAS
	<b>Rinsing Fluid</b>	USP Rins	se Flui	d A (ST
	<ul> <li>Suitable as a ger Excellent for diss microorganisms,</li> </ul>	solving or dilu	iting sam	ples, recor
	Closure	Screw cap with sept	tum	
USP Rinse Fluid D	Volume (mL)	100 mL		
	Packaging	12 per pack		
	Sterilization	Autoclaving		
USP Rinse Fluid K	Color	Clear, with no preciparticles	pitate and free o	of visible
	Shelf life	12 months		
Solvent	pH at 25 °C	pH 7.1 ±0.2		
Solvent	Storage conditions	Room Temperature	(2 to 25 °C)	
Rinse fluid	Regulatory conformance	USP <71>, EP <2.6	5.1>, JP <4.06>	
solution bottle	QC organisms	S. aureus (ATCC 65	38), B. subtilis (	ATCC 6633),
Sterile Isopropyl Myristate (IPM)		<i>P. aeruginosa</i> (ATCC 10231), <i>A. niger</i> (A (ATCC 11437)		•
		Order Now		
DP = Double P	аскеи			

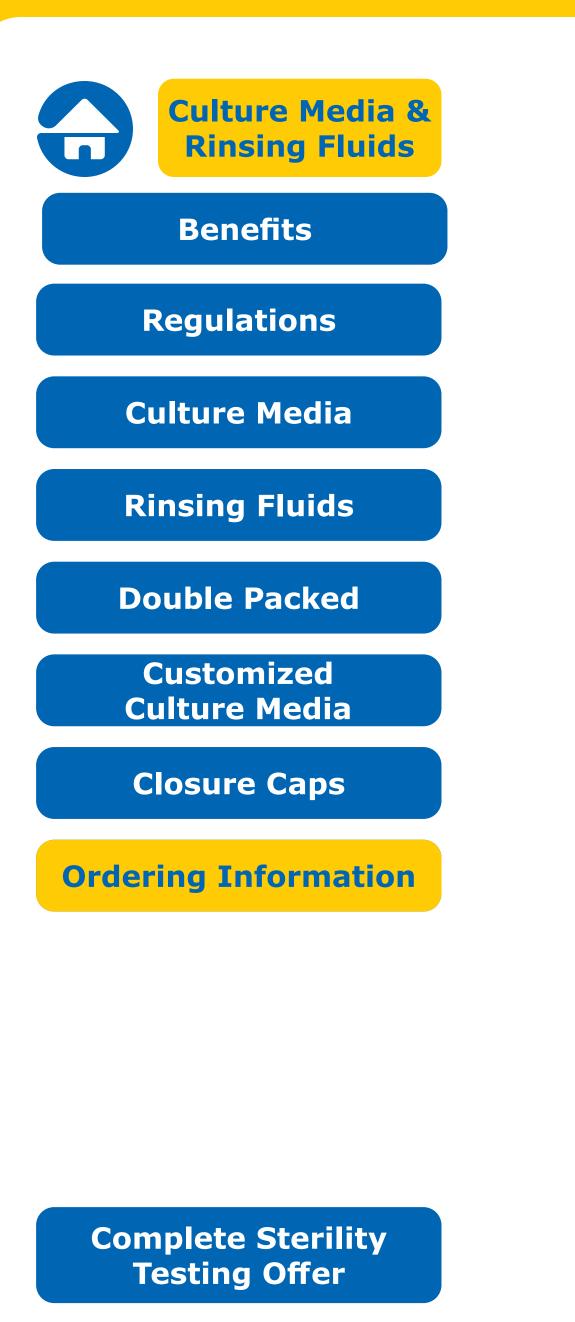
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		

## TBMRFA12)

le with most samples. onstituting commercial nicroorganisms.







#### **Sterility Testing Rinsing Fluids**

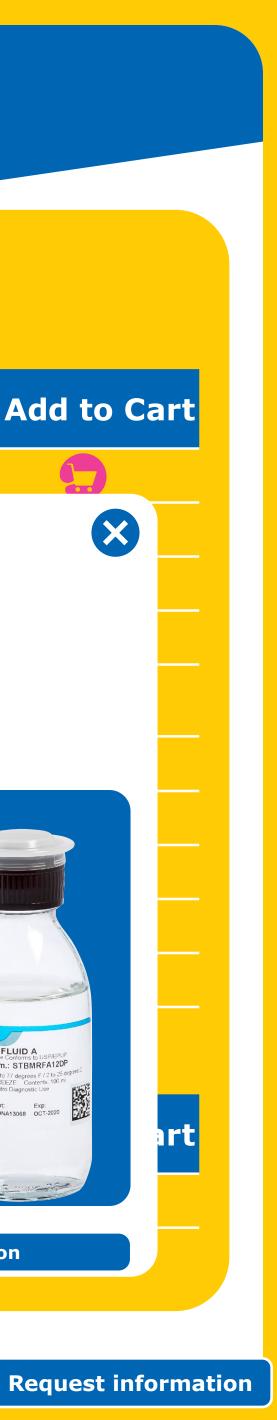
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product	
USP Rinse Fluid A		900 mL	4	STBMRFA9	
	Rinsing Fluid USP Rinse Fluid A - Do (STBMRFA12DP)				
	<ul> <li>Suitable as a gener Excellent for dissol microorganisms, o</li> <li>Closure</li> </ul>	ving or dilu	iting sam sport med	ples, recon ium for mi	
	Volume (mL)	100 mL			
USP Rinse Fluid D	Packaging	12 per pack			
	Sterilization A	Autoclaving + Ethy	Autoclaving + Ethylene oxide		
USP Rinse Fluid K		Clear, with no preci particles	pitate and free o	of visible	
	Shelf life	12 months			
Solvent	pH at 25 °C p	oH 7.1 ±0.2			
Suivent	Storage conditions F	Room Temperature	(2 to 25 °C)		
Rinse fluid	Regulatory conformance l	JSP <71>, EP <2.6	5.1>, JP <4.06>		
solution bottle		6. aureus (ATCC 65			
Sterile Isopropyl Myristate (IPM)	:	<i>P. aeruginosa</i> (ATC) 10231), <i>A. niger</i> (A [ATCC 11437)		•	
DP = Double P	аскец	Order Now			

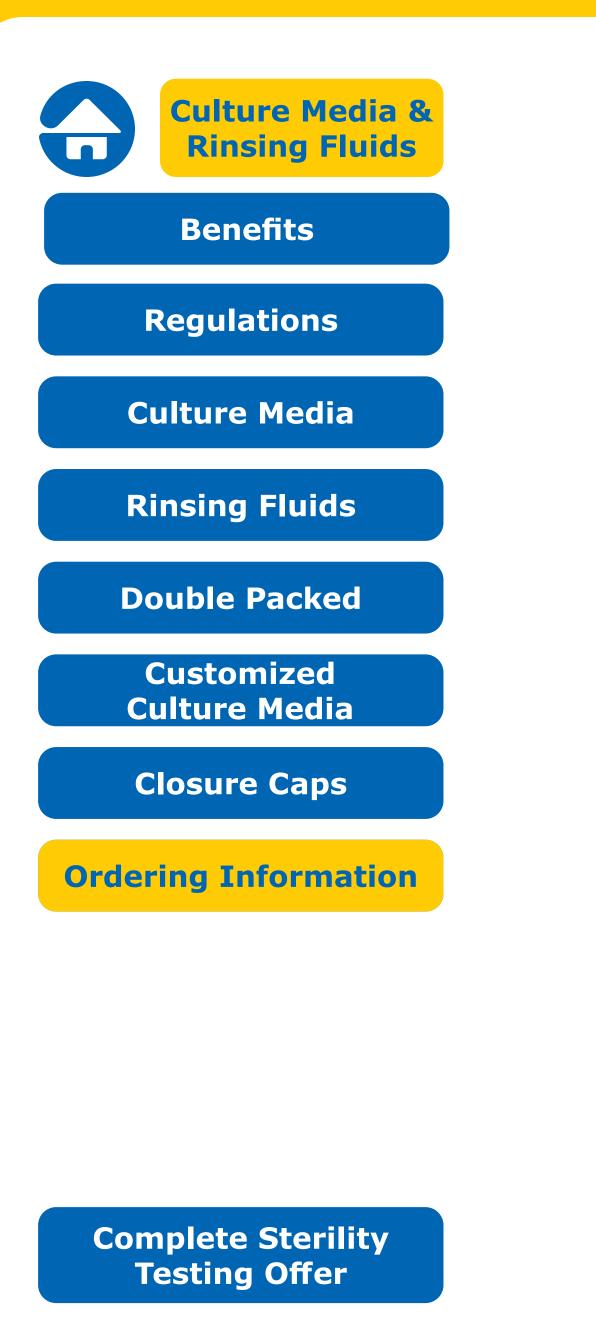
sure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
	900 mL	4	STBMRFA94		

# ouble-Packed

e with most samples. nstituting commercial nicroorganisms.







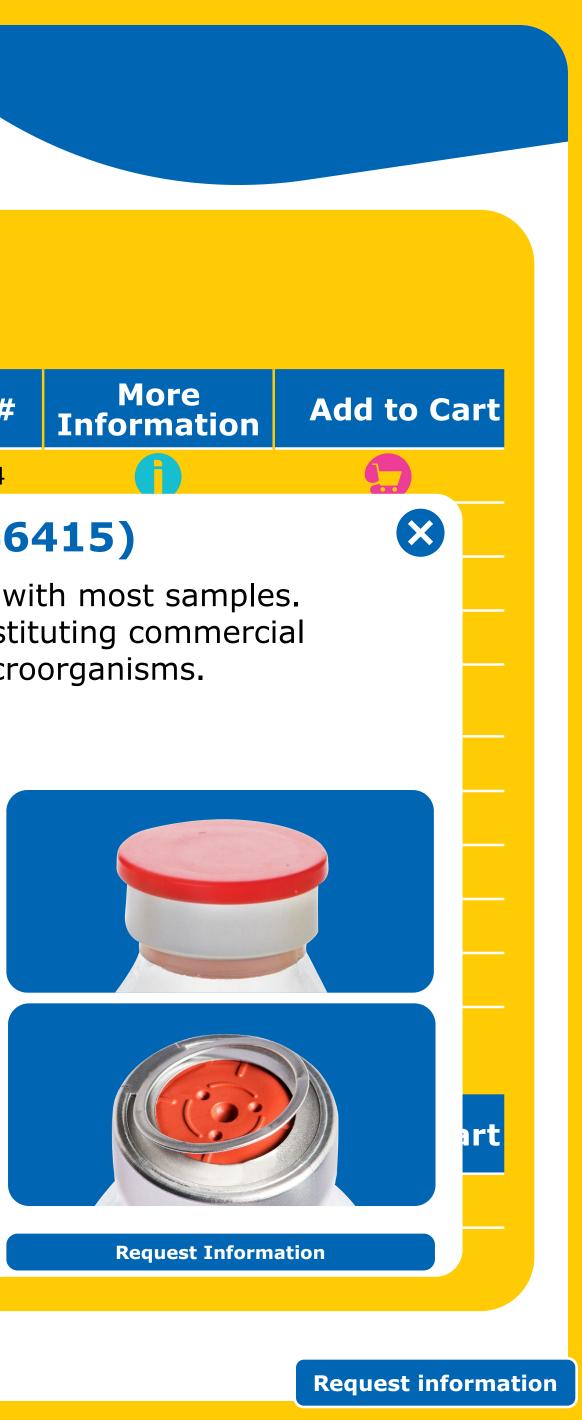
#### **Sterility Testing Rinsing Fluids**

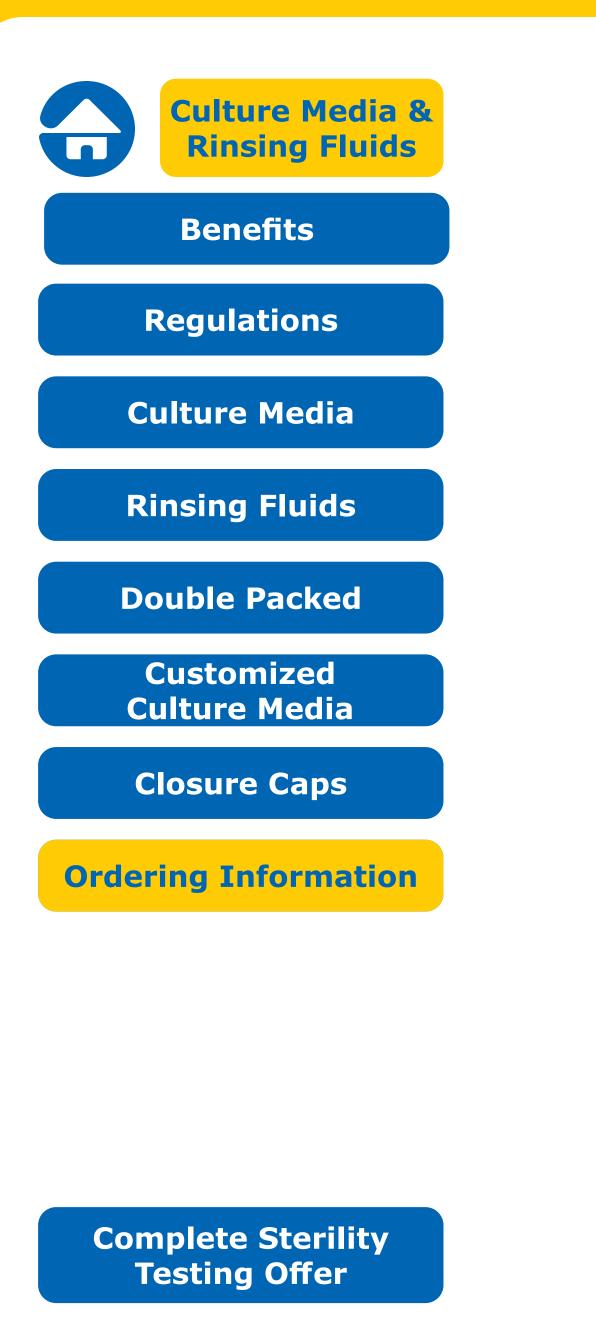
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product		
USP Rinse Fluid A		900 mL	4	STBMRFA		
	Rinsing Fluid USP Rinse Fluid A (1.					
	<ul> <li>Suitable as a gene Excellent for disso microorganisms, o</li> </ul>	olving or dilu	uting sam	ples, reco		
	Closure	Crimp cap with sep	tum			
USP Rinse Fluid D	Volume (mL)	300 mL				
	Packaging	6 per pack				
	Sterilization	Autoclaving				
USP Rinse Fluid K	Color	Clear, with no preci particles	pitate and free o	of visible		
	Shelf life	12 months				
Solvent	pH at 25 °C	pH 7.1 ±0.2				
Solvent	Storage conditions	Room Temperature	(2 to 25 °C)			
Rinse fluid	Regulatory conformance	USP <71>, EP <2.6	5.1>, JP <4.06>			
solution bottle	QC organisms	S. aureus (ATCC 65				
Sterile Isopropyl Myristate (IPM)		<i>P. aeruginosa</i> (ATC 10231), <i>A. niger</i> (A (ATCC 11437)		•		
		Order Now				
DP = Double P	аскец					

sure	Volume (mL)	Qty/pk	<b>Product</b> #	More Information	Add to C
	900 mL	4	STBMRFA94		

### .46415)

ble with most samples. onstituting commercial microorganisms.





#### **Sterility Testing Rinsing Fluids**

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product
USP Rinse Fluid A		900 mL	4	STBMRFA
	<b>Rinsing Fluid</b>	JSP Rin	se Flui	d A (1.
	<ul> <li>Suitable as a gene Excellent for disso microorganisms, o</li> </ul>	lving or dilu	uting sam	ples, reco
		Crimp cap with sep	tum	
USP Rinse Fluid D		100 mL		
		10 per pack		
		Autoclaving		
USP Rinse Fluid K		Clear, with no preci particles	pitate and free o	of visible
	Shelf life	12 months		
Solvent	pH at 25 °C	oH 7.1 ±0.2		
Solvent	Storage conditions	Room Temperature	(2 to 25 °C)	
Rinse fluid	Regulatory conformance	JSP <71>, EP <2.6	5.1>, JP <4.06>	
solution bottle	QC organisms	S. aureus (ATCC 65	538), <i>B. subtilis</i> (	ATCC 6633),
Sterile Isopropyl Myristate (IPM)	:	P <i>. aeruginosa</i> (ATC 10231), <i>A. niger</i> (A (ATCC 11437)		•
		Order Now		
DP = Double P	аскеи			

sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		

### .46470)

ble with most samples. onstituting commercial microorganisms.







#### **Sterility Testing Rinsing Fluids**

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product		
USP Rinse Fluid A		900 mL	4	STBMRFA		
	Rinsing Fluid USP Rinse Fluid D (1.					
	<ul> <li>Suitable for testing most antibiotics. Ex used for rinse mether</li> </ul>	xcellent for	rinsing s	terile patł		
	Closure C	rimp cap with sep	tum			
USP Rinse Fluid D	Volume (mL) 3	00 mL				
	Packaging 6	per pack	er pack			
	Sterilization A	utoclaving				
USP Rinse Fluid K		lear, with no preci articles	pitate and free c	of visible		
	Shelf life 1	2 months				
Solvent	pH at 25 °C p	H 7.1 ±0.2				
Suivent	Storage conditions R	oom Temperature	(2 to 25 °C)			
Rinse fluid	Regulatory conformance	SP <71>				
solution bottle		aureus (ATCC 65				
Sterile Isopropyl Myristate (IPM)	1	<i>. aeruginosa</i> (ATC 0231), <i>A. niger</i> (A ATCC 11437)		•		
		Order Now				
<b>DP</b> = Double P	аскеи					

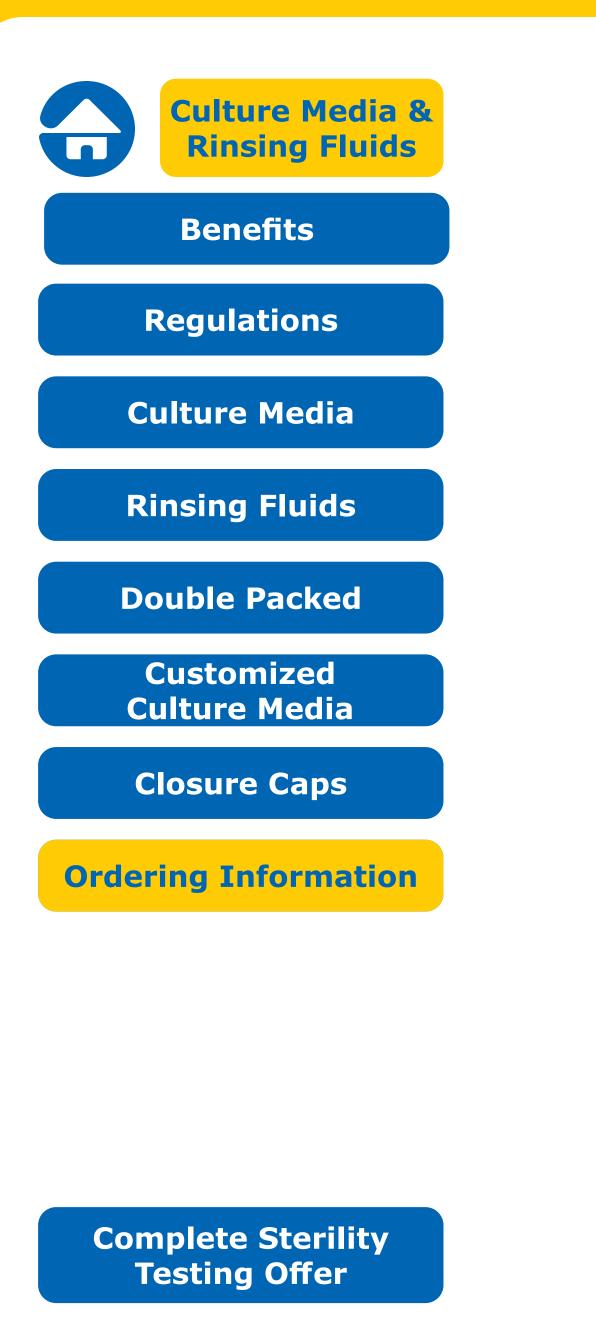
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		

#### .46483)

n or oil, and compatible with thways of devices, and typically S.







#### **Sterility Testing Rinsing Fluids**

solution bottle	Closure	Volume (mL) 900 mL	Qty/pk	Product STBMRFA
USP KINSE FILILU A		900 mL	7	ST DITIN A
	<b>Rinsing Flui</b>	d USP Rin	se Flui	d D (S1
	<ul> <li>Suitable as a ge Excellent for dis microorganisms</li> </ul>	solving or dilu	iting sam	ples, recor
	Closure	Screw cap with sep	tum	
USP Rinse Fluid D	Volume (mL)	300 mL		
	Packaging	4 per pack		
	Sterilization	Autoclaving		
USP Rinse Fluid K	Color	Clear, with no preci particles	pitate and free o	of visible
	Shelf life	12 months		
Solvent	pH at 25 °C	pH 7.1 ±0.2		
Solvent	Storage conditions	Room Temperature	(2 to 25 °C)	
Rinse fluid	Regulatory conformance	USP <71>		
solution bottle Sterile Isopropyl Myristate (IPM)	QC organisms	<i>S. aureus</i> (ATCC 65 <i>P. aeruginosa</i> (ATC 10231), <i>A. niger</i> (A (ATCC 11437)	C 9027), C. albic	cans (ATCC
DP = Double P	аскец	Order Now		

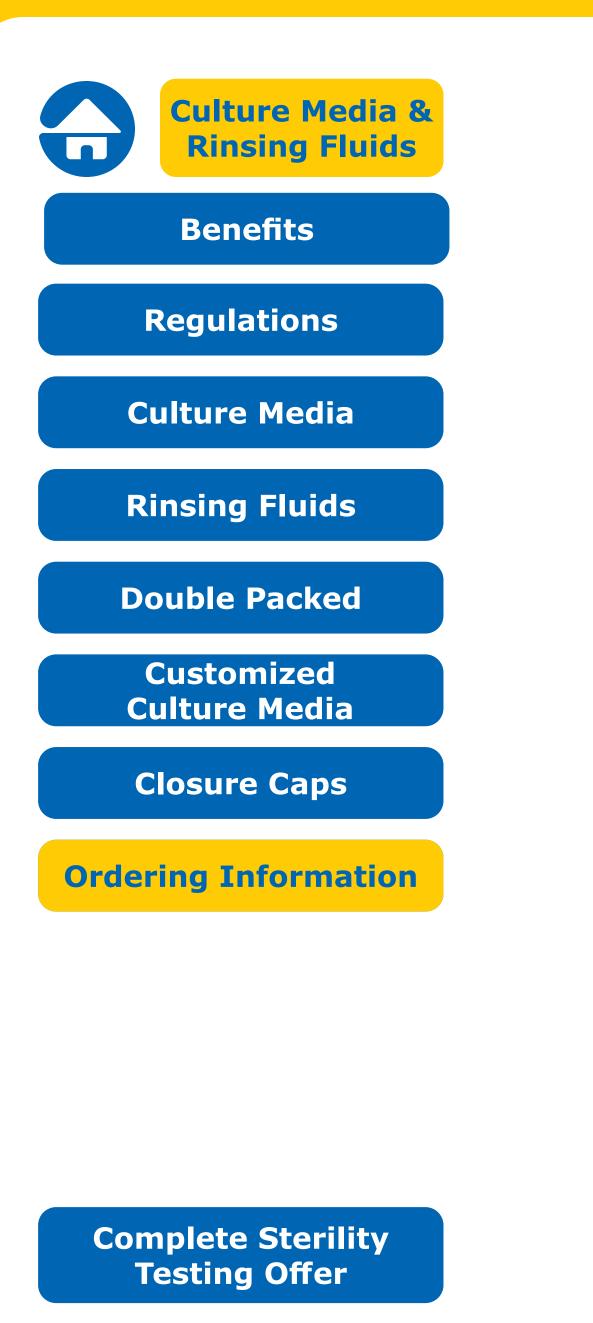
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		

#### TBMRFD34)

le with most samples. onstituting commercial nicroorganisms.







#### **Sterility Testing Rinsing Fluids**

Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product		
USP Rinse Fluid A		900 mL	4	STBMRFAS		
	Rinsing Fluid USP Rinse Fluid K (ST					
	<ul> <li>Suitable for testing Excellent for rinsing "difficult" to filter c</li> </ul>	g pathways	s of medic	•		
	Closure S	crew cap with sep	tum			
USP Rinse Fluid D	Volume (mL) 3	00 mL				
	Packaging 4	per pack				
	Sterilization A	utoclaving				
USP Rinse Fluid K	Color L	ight yellow				
	Shelf life 1	2 months				
Solvent	pH at 25 °C p	H 6.9 ±0.2				
Solvent	Storage conditions R	oom Temperature	(2 to 25 °C)			
Rinse fluid	Regulatory conformance U	SP <71>, EP <2.6	5.1>, JP <4.06>			
solution bottle		. aureus (ATCC 65				
Sterile Isopropyl Myristate (IPM)	1	. <i>aeruginosa</i> (ATCC 0231), <i>A. niger</i> (A ATCC 11437)		•		
DP = Double P	аскец	Order Now				

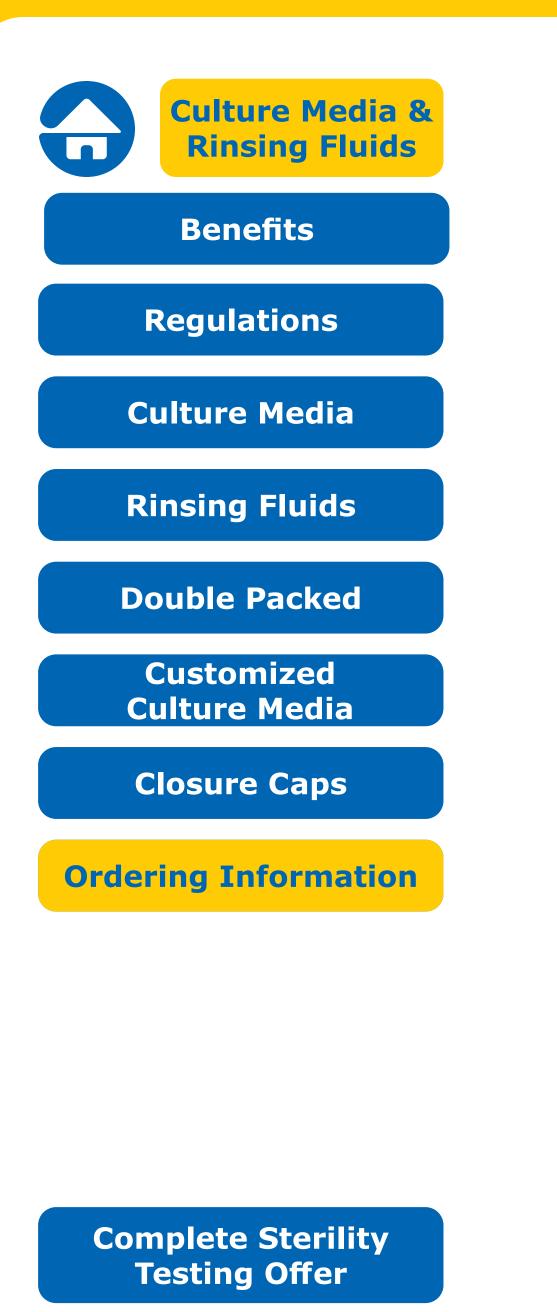
sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		

### TBMRFK34)

tum, oils, or oily solutions. es, and for samples that are







#### **Sterility Testing Rinsing Fluids**

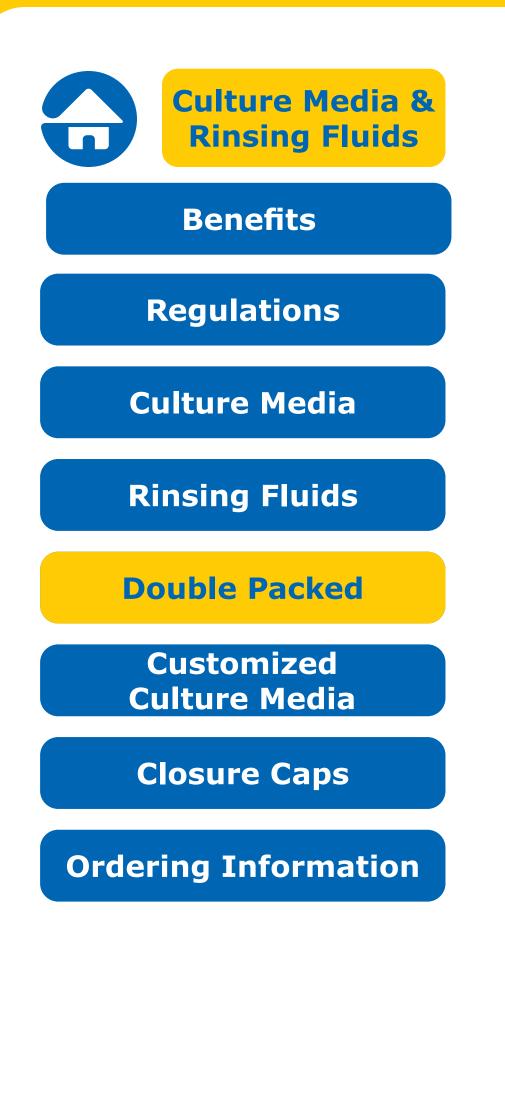
Rinse fluid solution bottle	Closure	Volume (mL)	Qty/pk	Product	
USP Rinse Fluid A		900 mL	4	STBMRFA	
	Sterile Isopropyl myristate (IPM) (146628)				
	<ul> <li>Improve dissolution of viscous products, ointments and creams prior to membrane filtration</li> </ul>				
	<ul> <li>Sterilized and ready-to-use</li> </ul>				
USP Rinse Fluid D	<ul> <li>To be use in combination of the Steritest<sup>™</sup> NEO Green base (TZHVSL210)</li> </ul>				
	Closure Cr	imp cap with sept	tum		
USP Rinse Fluid K	Volume (mL) 30	0 mL			
	Packaging 6	6 per pack			
Solvent	Maximum Temperature 45	45 °C			
	Sterilization Ga	Gamma irradiation			
Rinse fluid solution bottle		ear, with no preci rticles	pitate and free c	of visible	
Sterile Isopropyl Myristate (IPM)	Shelf life 12	months			
	Storage conditions 15	15 to 25 °C			
Order Now					

sure	Volume (mL)	Qty/pk	Product #	More Information	Add to C
	900 mL	4	STBMRFA94		







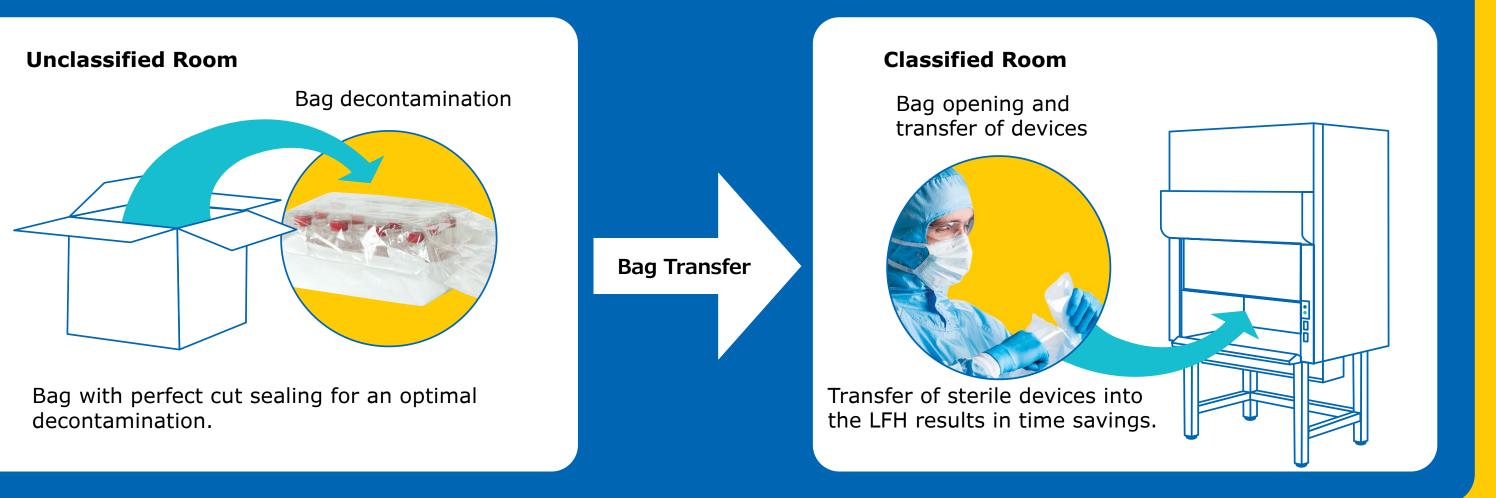


# Gamma Sterilized

Sterility testing culture media and rinsing fluids are also available in a double-packed format. The sterilized double Tyvek<sup>®</sup> 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.

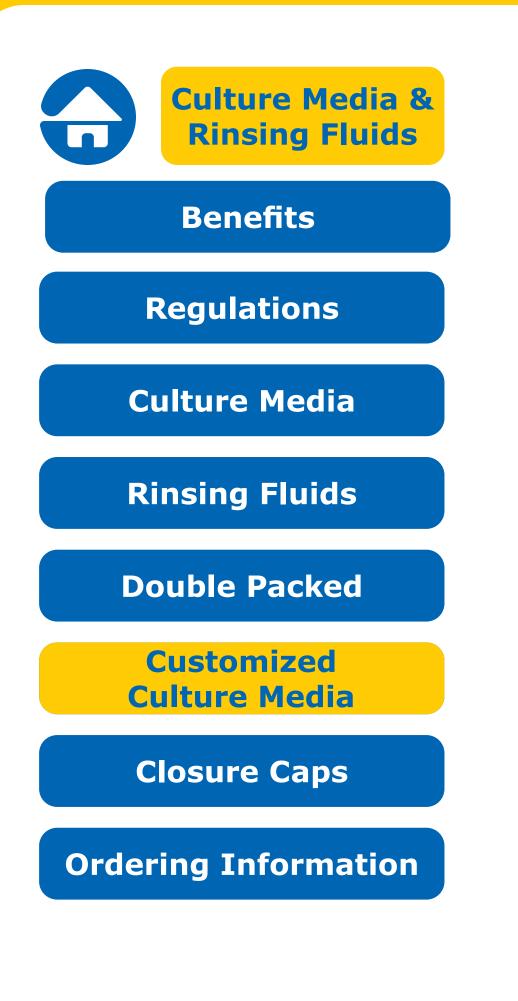
The sterilization efficiency of the packaging, including the space between the protective cap and the septum, is verified on each batch with biological indicators. This simplified decontamination procedure saves operator time by reducing cleaning steps.

#### Transfer of Steritest<sup>™</sup> Media and Rinse Fluid Double-packed Bottles into a Laminar Flow Hood



### **Double-Packed Sterility Testing Media & Rinse Fluids**





### **Customized Culture Media**

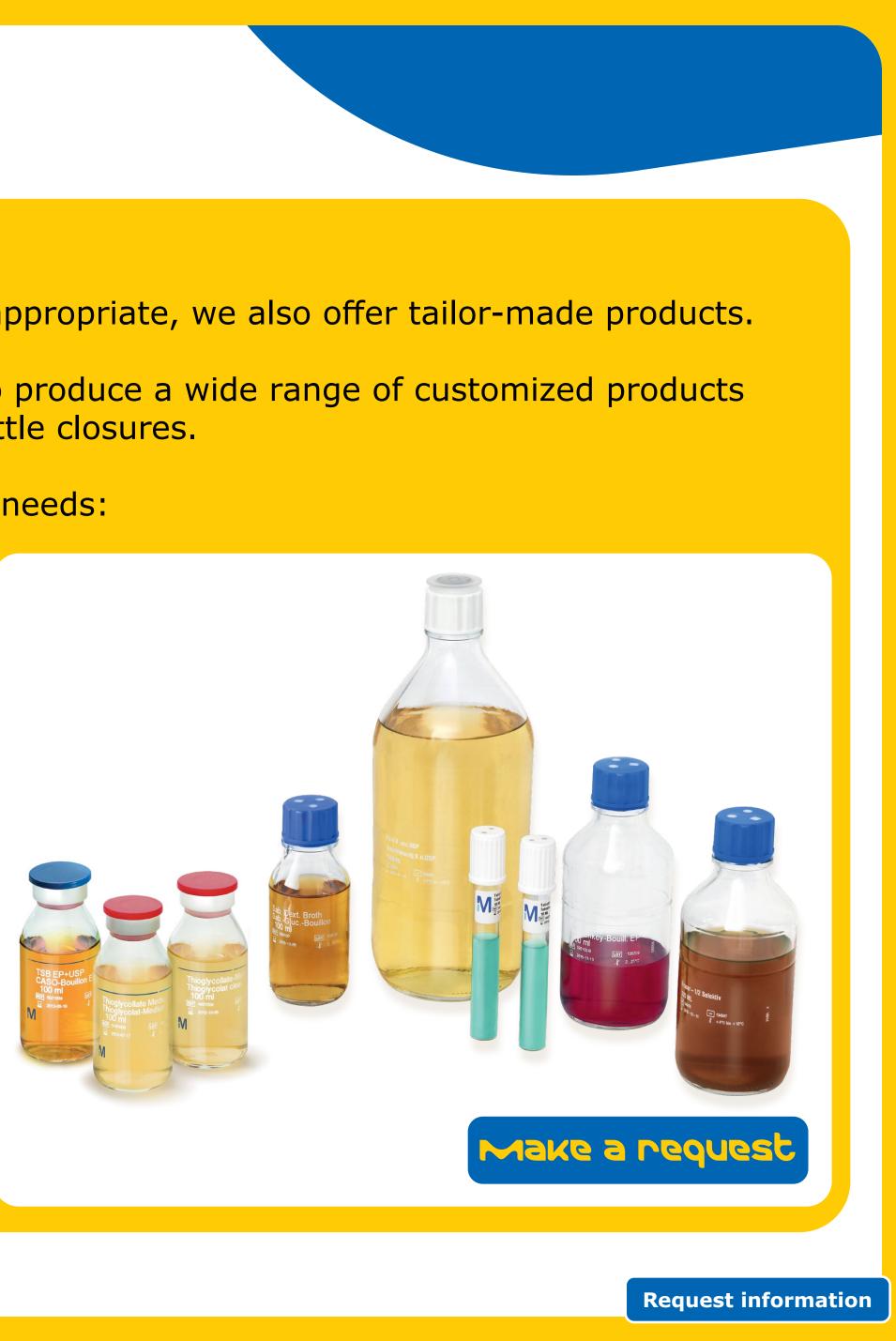
If for your application, our standard offer is not appropriate, we also offer tailor-made products.

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.





### **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.

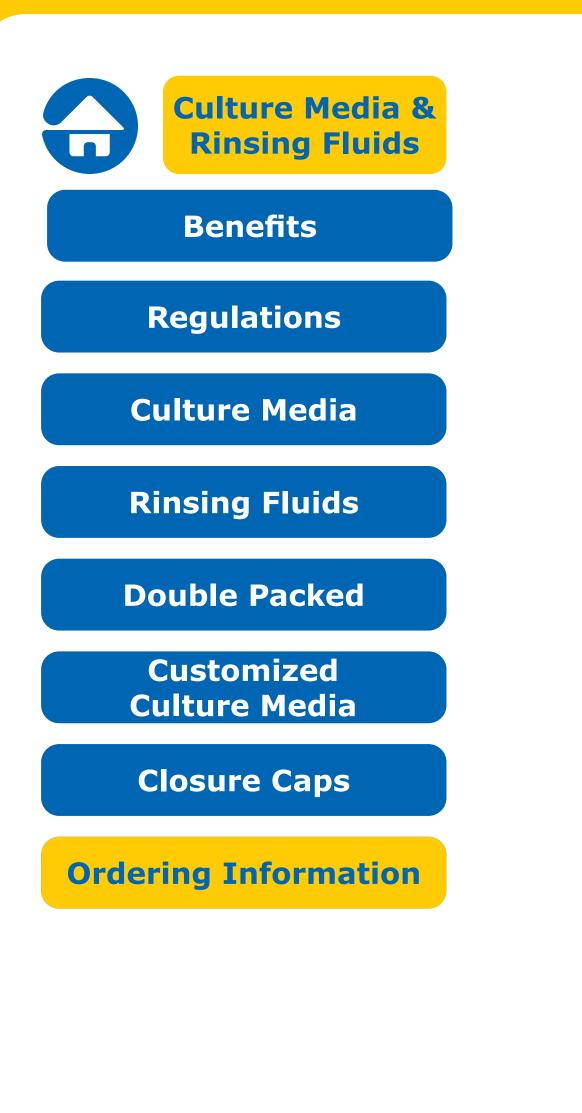


### **Crimp Cap with Septum**

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



Complete Sterility Testing Offer

Material Table



**Rinsing Fluids** 



#### **Material Table**





Our sterility testing Steritest<sup>™</sup> Symbio pumps accompanied by our smart accessories are designed for ideal integration into any testing environment.

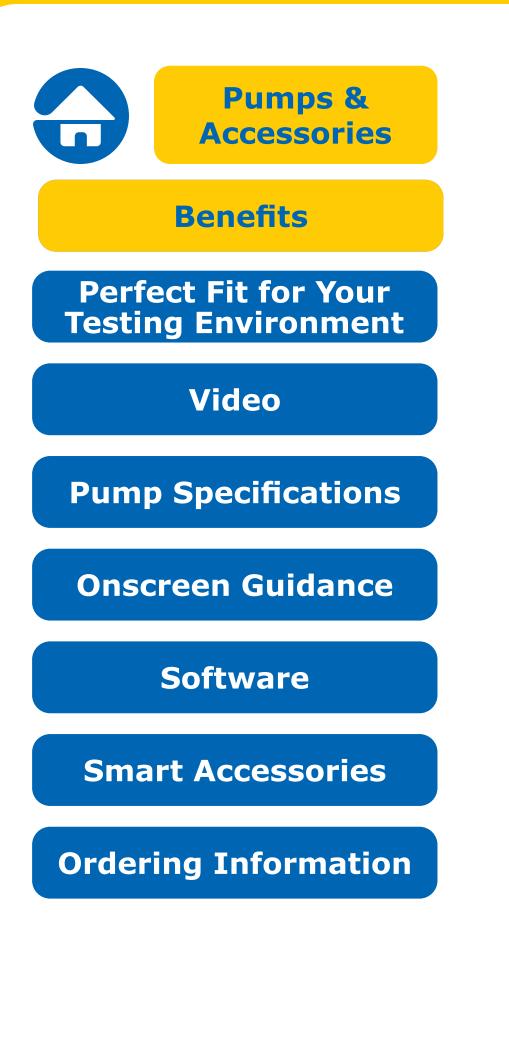
When used in combination with our closed membrane filtration devices and high quality culture media and rinsing fluids, this equipment offers an optimized and fully regulatory compliant testing process (USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>).

### DESIGNED TO FIT YOUR TESTING ENVIRONMAENT

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







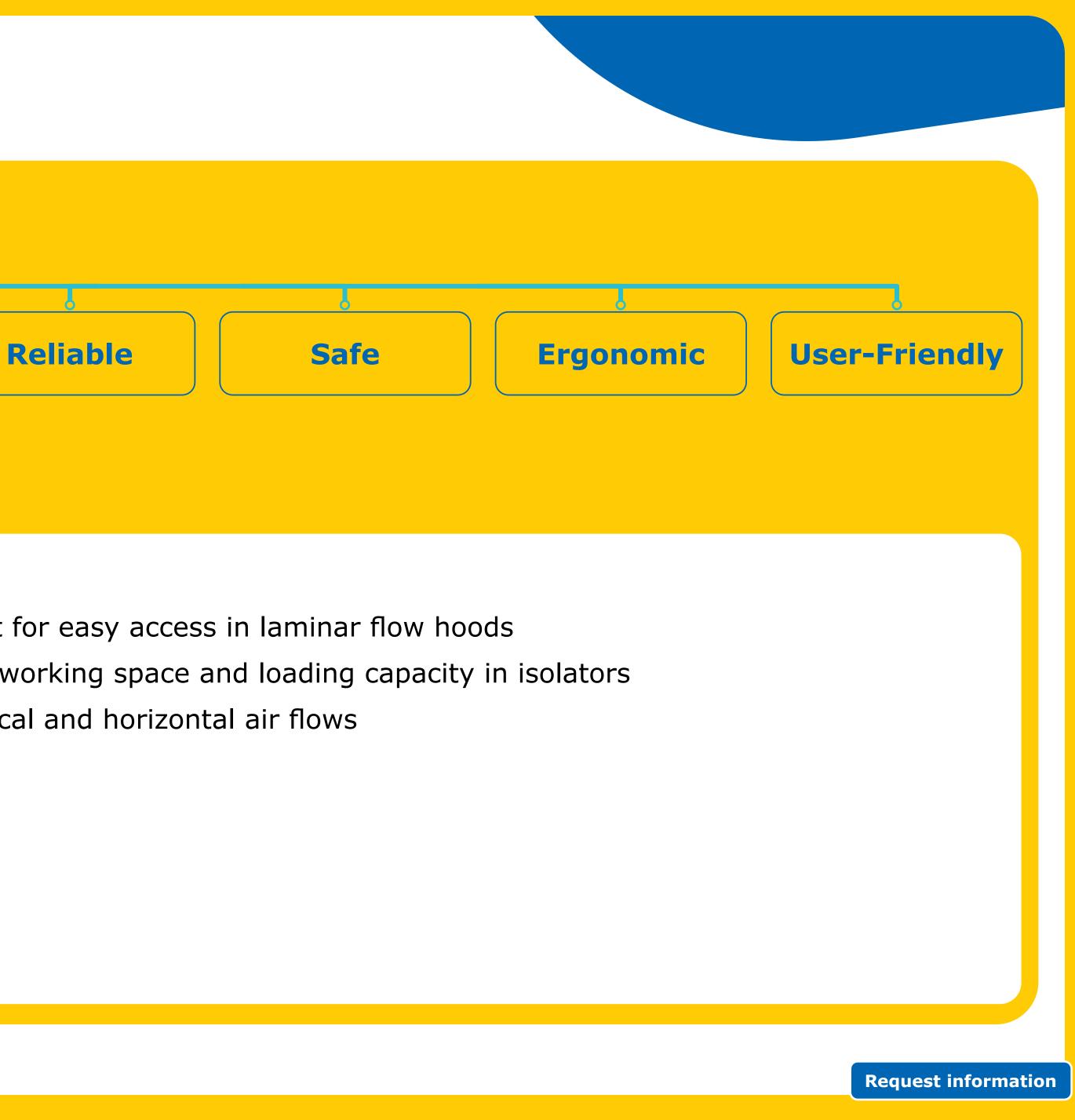
### **Benefits**

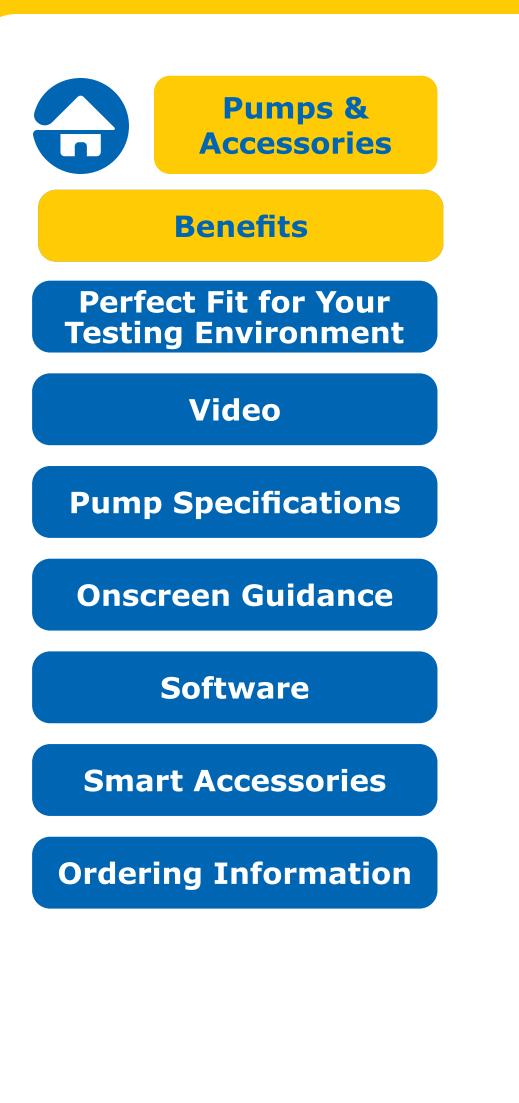
Easy-to-Use



#### 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



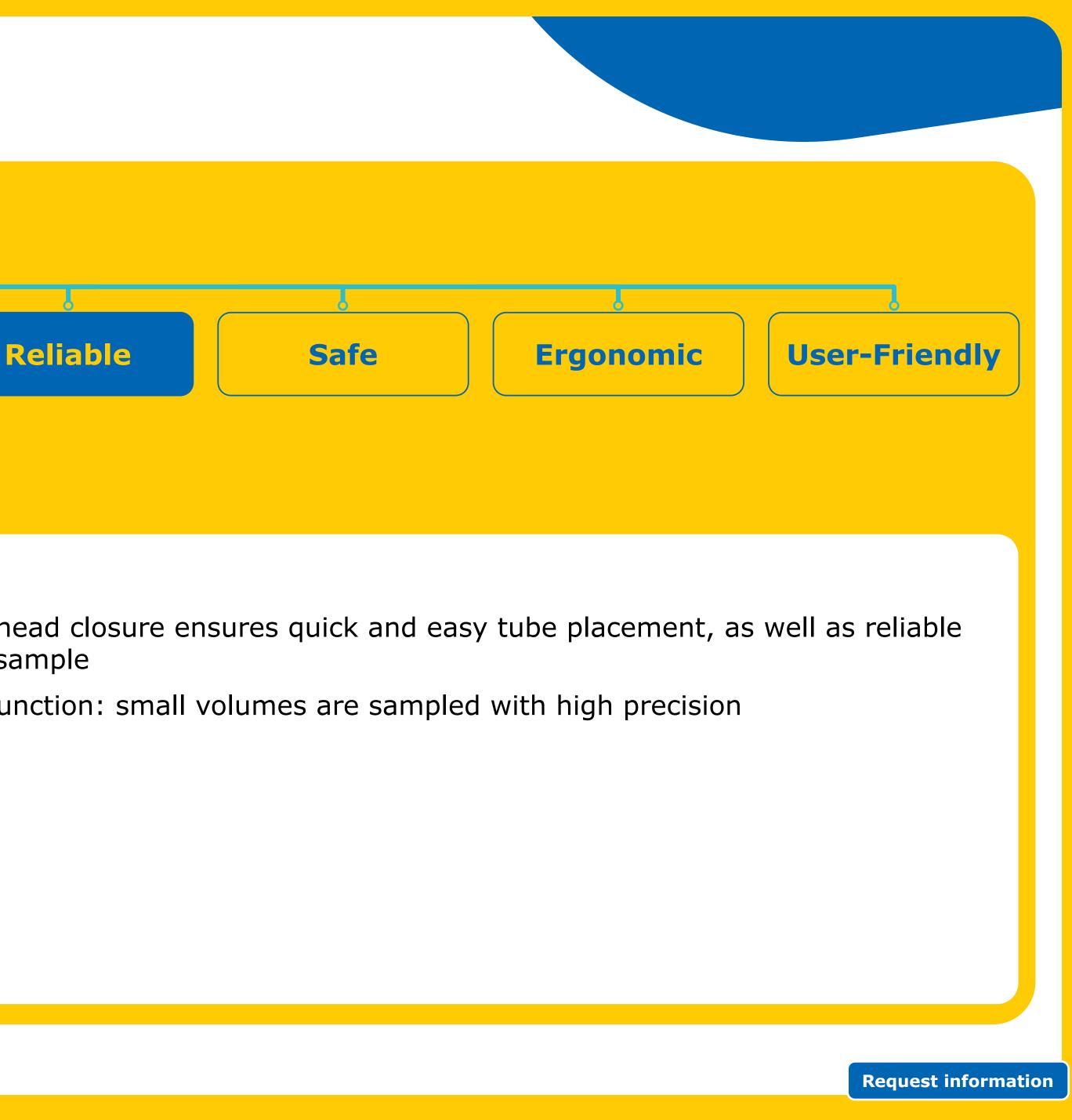


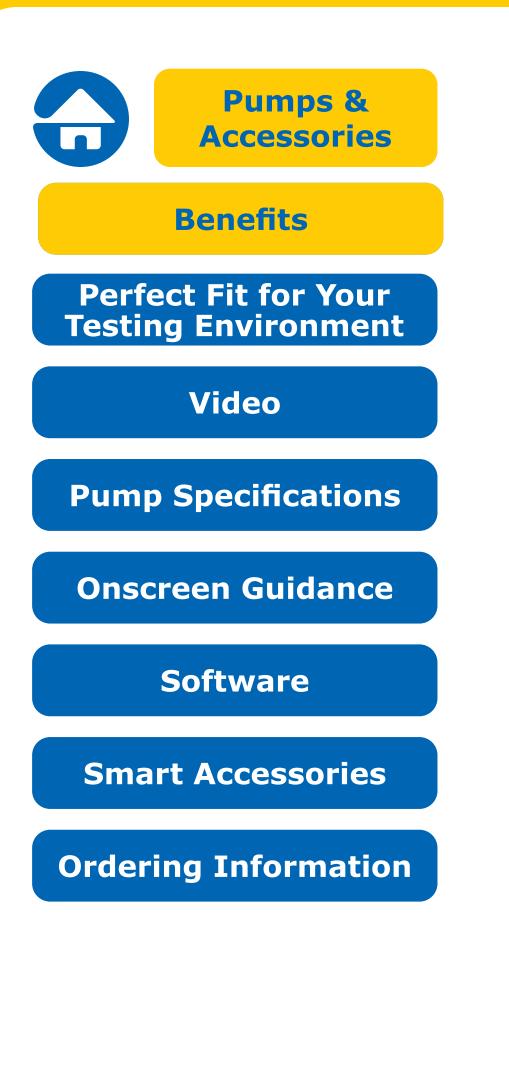
### **Benefits**

Easy-to-Use

#### Reliable

- 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



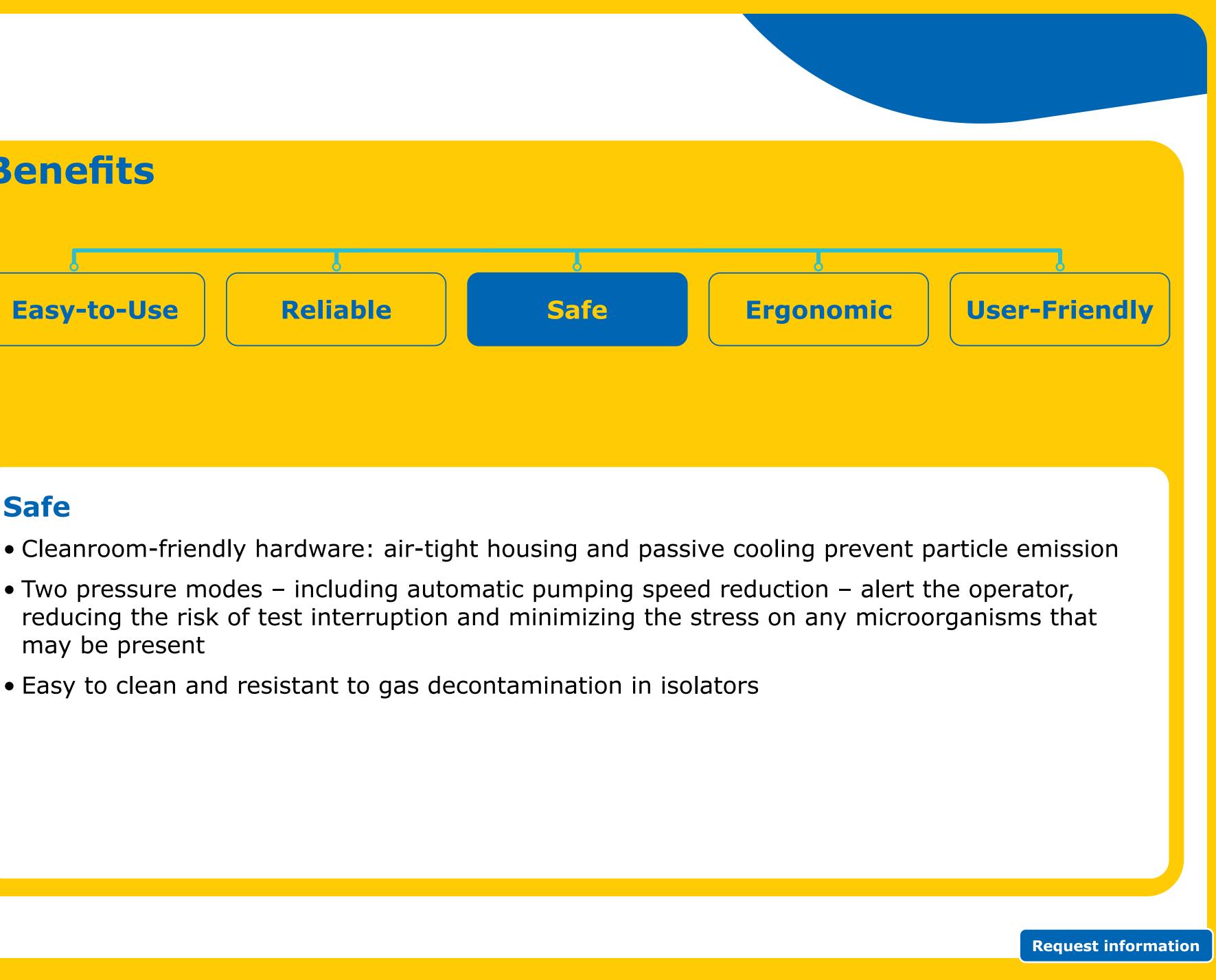


### **Benefits**

Easy-to-Use

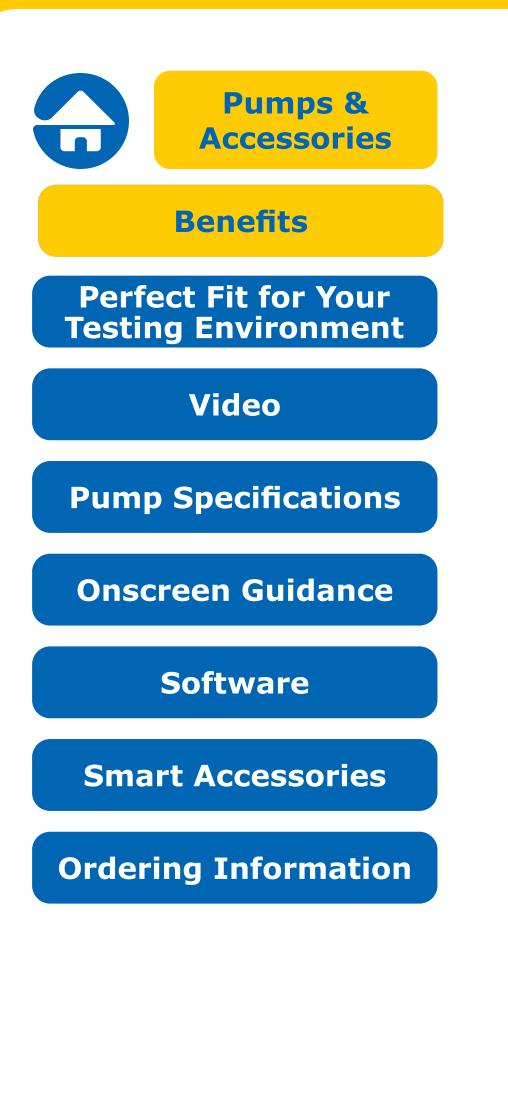
#### Safe

- may be present



• 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

• Easy to clean and resistant to gas decontamination in isolators

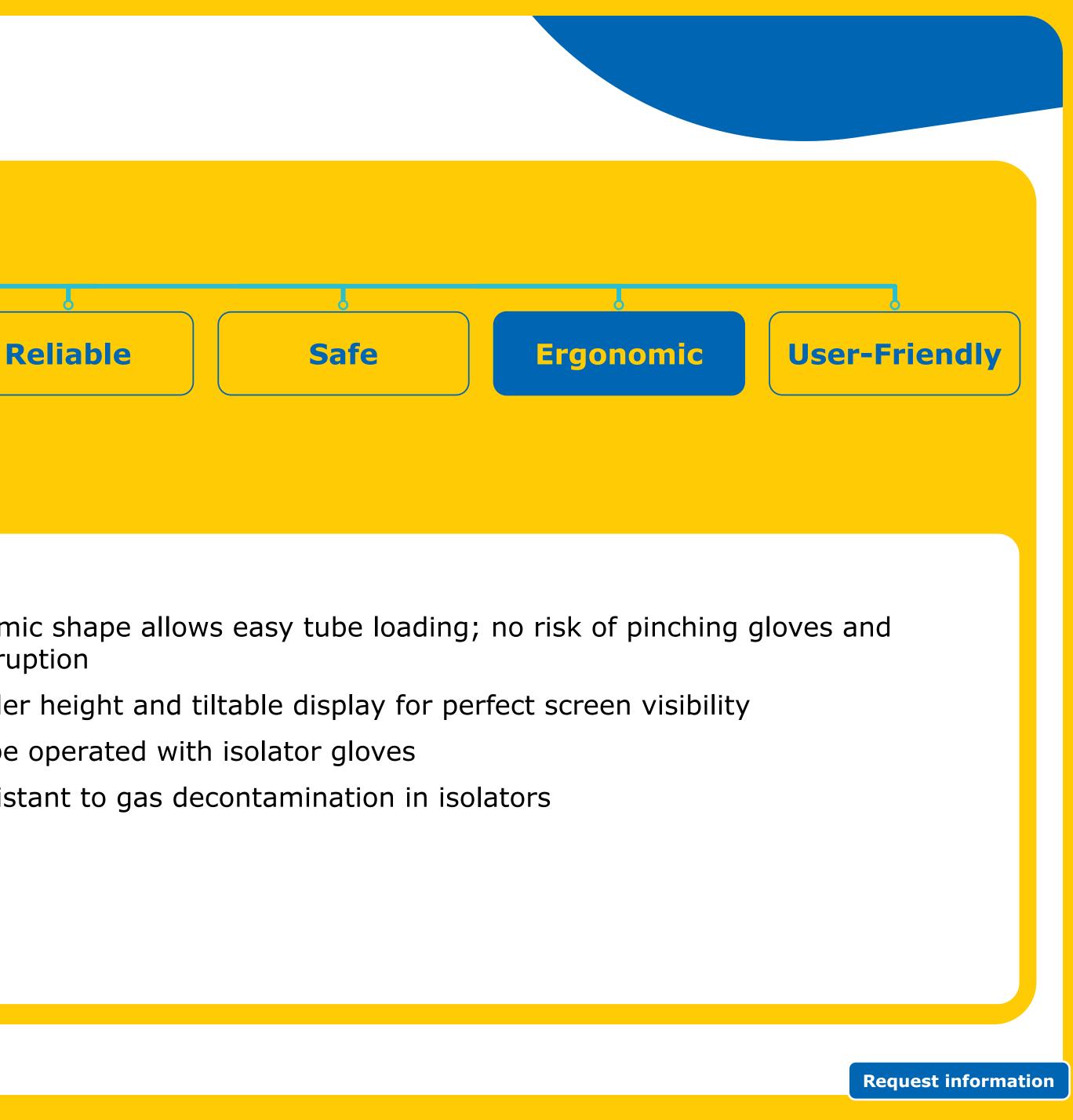


### **Benefits**

Easy-to-Use

#### **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



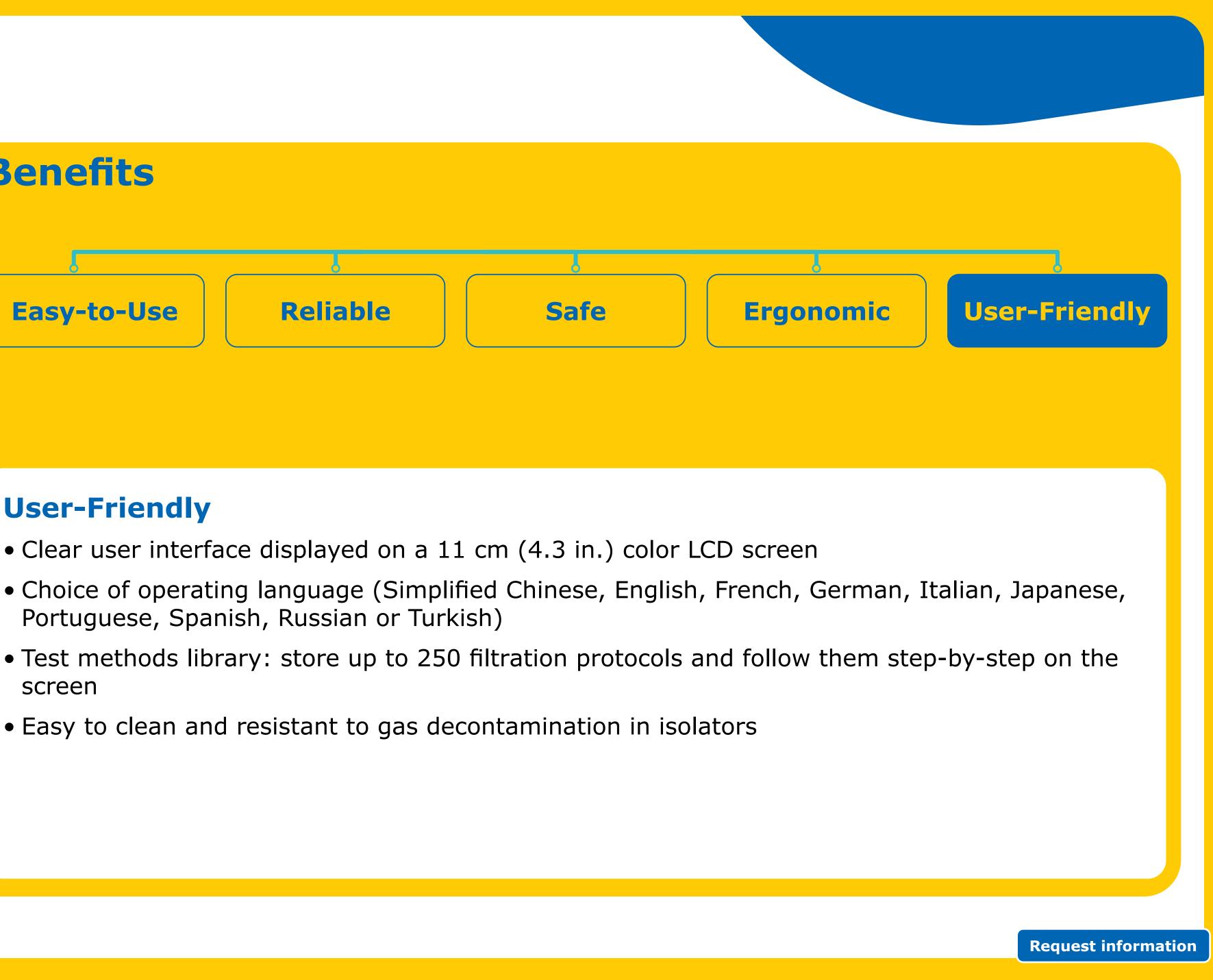


### **Benefits**

Easy-to-Use

#### **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)
- 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<sup>™</sup> Symbio LFH Pump**



With its compact design, the Steritest<sup>™</sup> The Steritest<sup>™</sup> Symbio ISL Pump is This Steritest<sup>™</sup> Symbio FLEX Pump is very Symbio LFH Pump can be used comfortably optimized for extremely convenient sterility versatile, and can be installed in multiple in the smallest testing environments, testing inside isolators. Its table-integrated ways – in either an isolator or a laminar including in the laminar flow hood, design offers more working space and flow hood. The pump is compatible with biosafety cabinet, cleanroom or even loading volume in isolators. all standard round cutouts, and is also the What's more, its ergonomic buttons and perfect replacement for the Steritest<sup>™</sup> inside an isolator. knob can be easily operated while wearing Equinox Isofit, as it will also match its oval isolator gloves. The pump is compatible cutout without the need for table rework. with all standard round-table cutouts and is a perfect replacement for Steritest<sup>™</sup> Integral and Steritest<sup>™</sup> Equinox Isolator pumps (without table rework).

**Ordering information** 





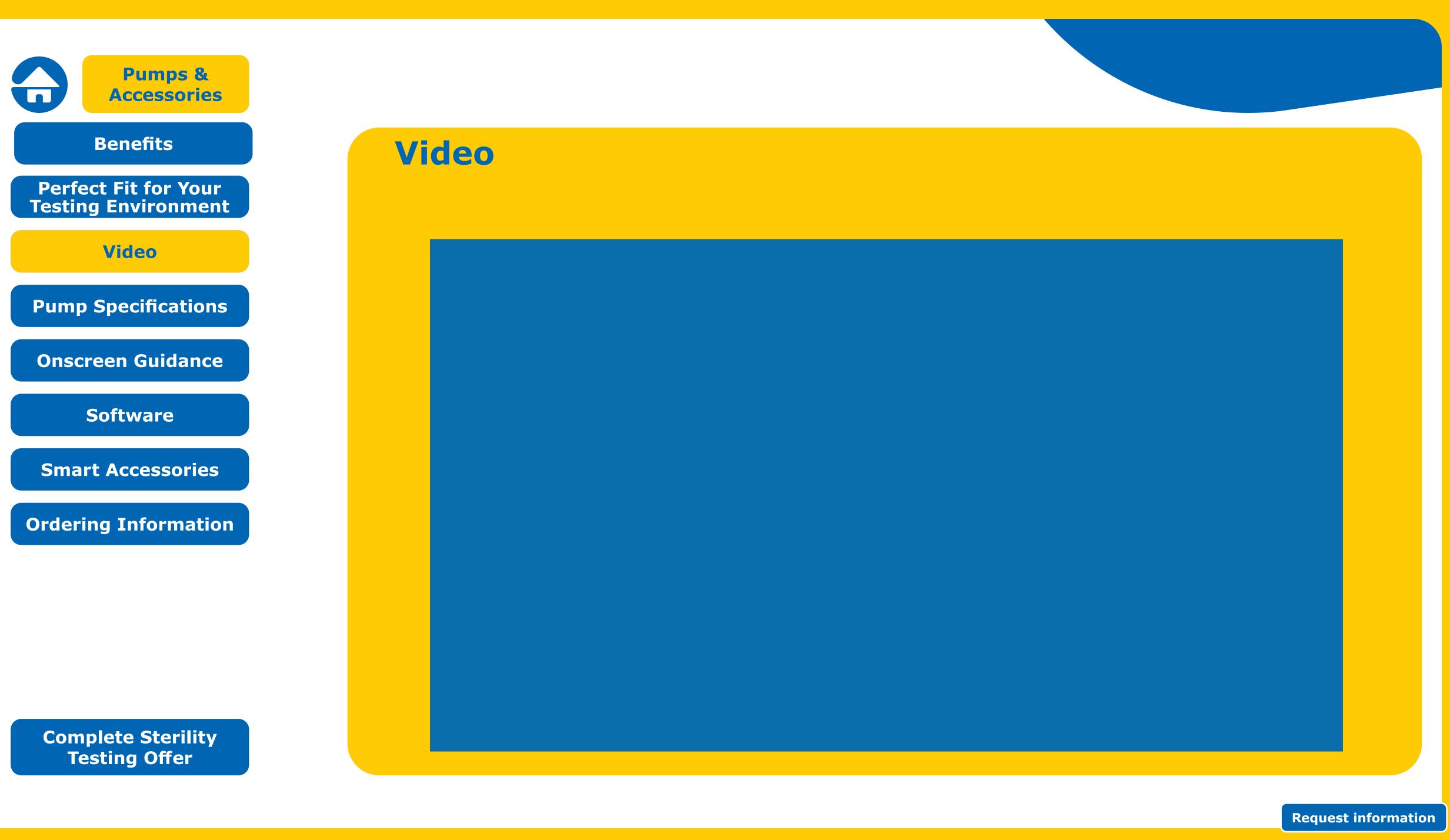
#### **Ordering information**

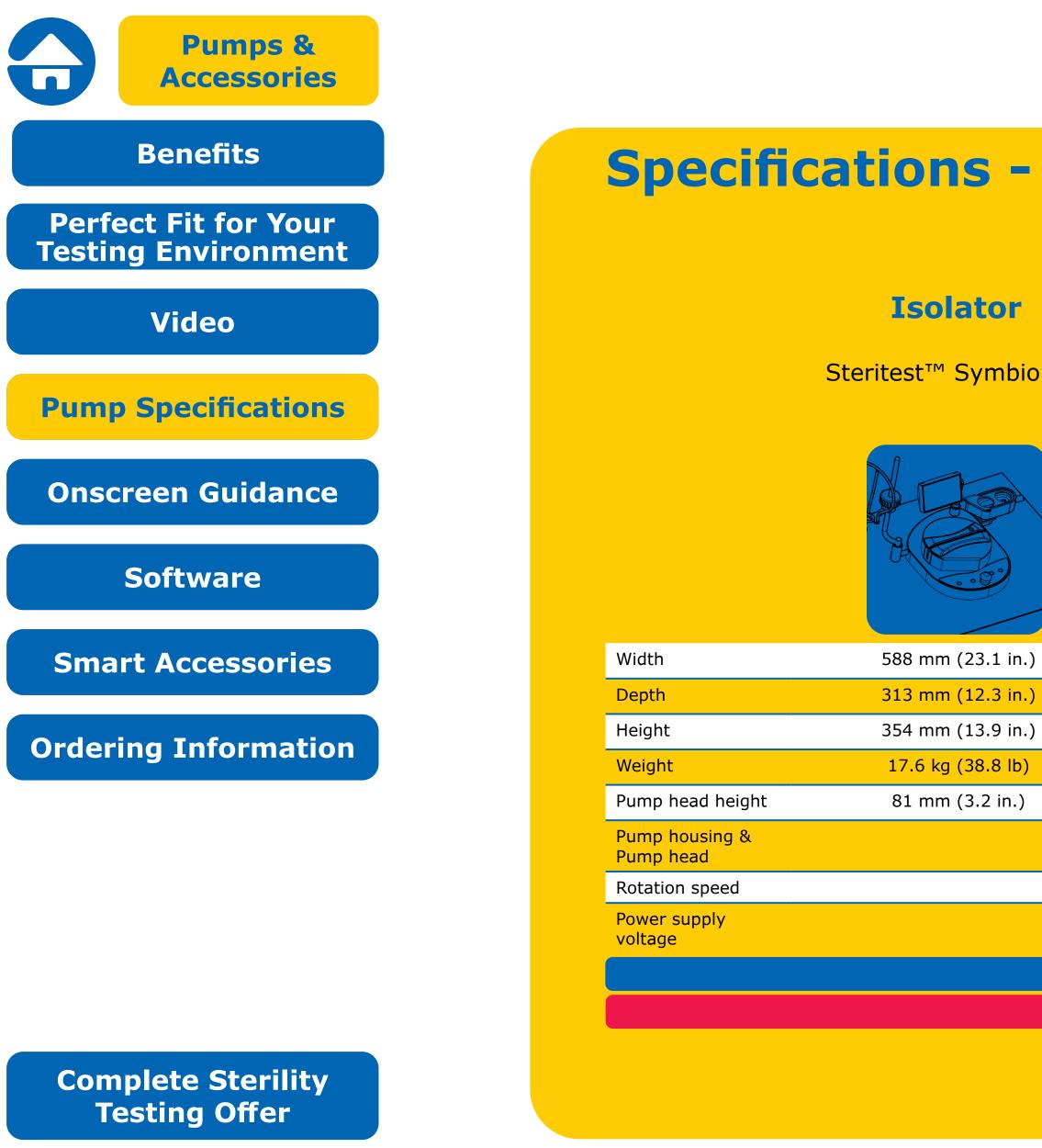
#### **Steritest<sup>™</sup> Symbio FLEX Pump**



**Ordering information** 

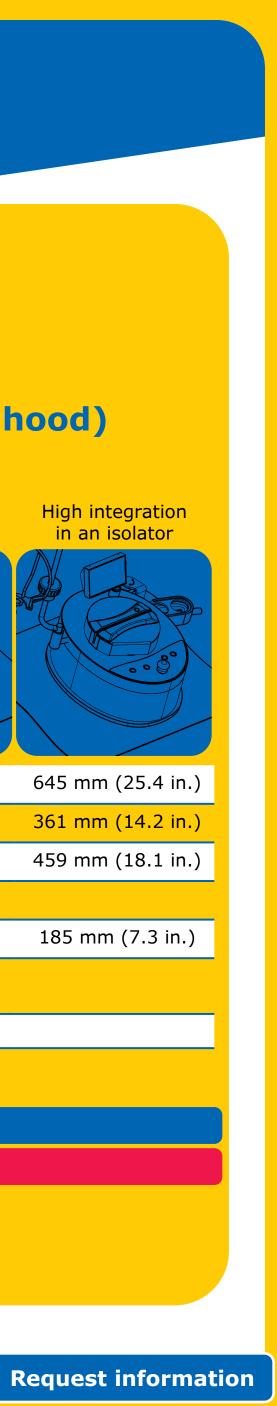






### **Specifications - Steritest<sup>™</sup> Symbio Pumps**

r	Laminar flow hood	Multiple ways (isolator or a laminar flow hood)			
oio 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 integra in an isola
n.)	633 mm (24.9 in.)	645 mm (25.4 in.)	645 mm (25.4 in.)	611 mm (24.1 in.)	645 mm (25
n.)	372 mm (14.6 in.)	355 mm (14.0 in.)	355 mm (14.0 in.)	361 mm (14.2 in.)	361 mm (14
n.)	410 mm (16.1 in.)	464 mm (18.3 in.)	472 mm (18.6 in.)	356 mm (14.0 in.)	459 mm (18
b)	15.8 kg (34.8 lb)		19.6 kg	(43.2 lb)	
.)	158 mm (6.2 in.)	189 mm (7.4 in.)	197 mm (7.8 in.)	82 mm (3.2 in.)	185 mm (7.
316L Stainless steel					
up to 240 rpm					
100 to 240 Volt AC, 50/60 Hz					
Request more information or a quote					
Request a demo					





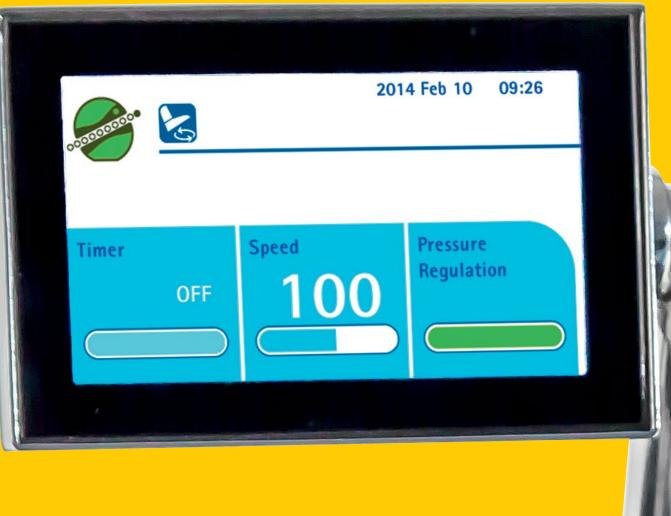
### **Step-by-Step Onscreen Guidance**

#### Easy and Reliable Test Reproducibility

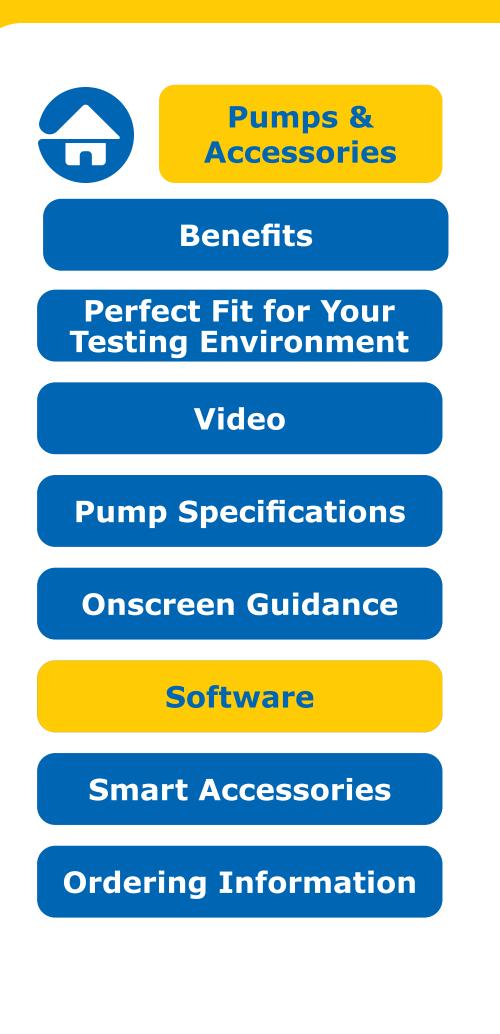
Whatever your reasons, Steritest<sup>™</sup> Symbio Pumps safeguard your testing procedure, ensure test method reproducibility and help you save time.

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<sup>™</sup> Symbio Pump's test methods library. The test method revision number is displayed for conformity check, and the method also shows the right Steritest<sup>™</sup> 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<sup>™</sup> Symbio Software allows easy creation and management of test methods and simplified synchronization.

æ

**Step 1:** Download the Steritest<sup>™</sup> 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

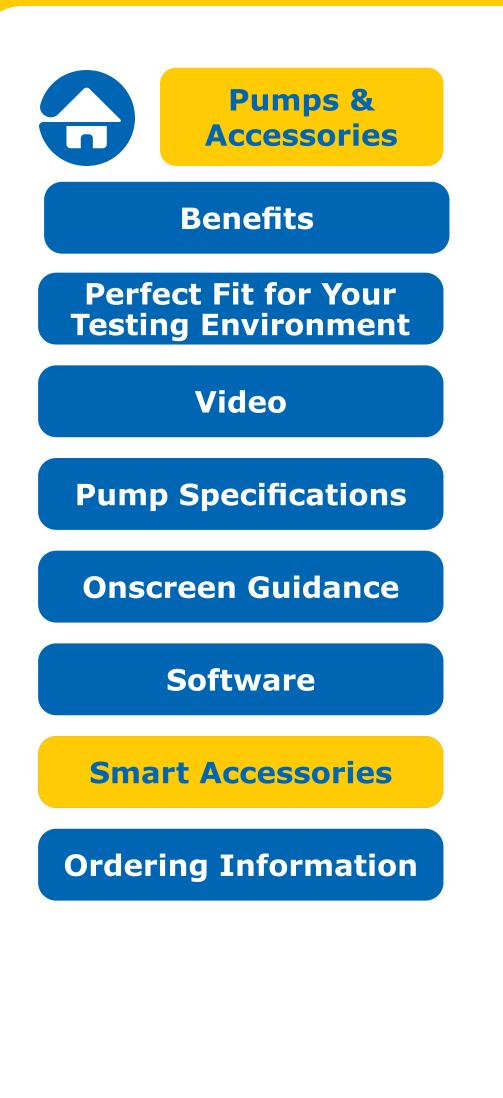
**Step 3:** Select the test method to be transferred to one or more Steritest<sup>™</sup> Symbio Pumps

**Complete Sterility Testing Offer** 

**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





### Smart accessories for streamlining your workflow and increasing safety

#### **Procedure Step**

Testing **Environment** Setup



**Steritest**<sup>™</sup> Communication **Hub Holder for** Hoods

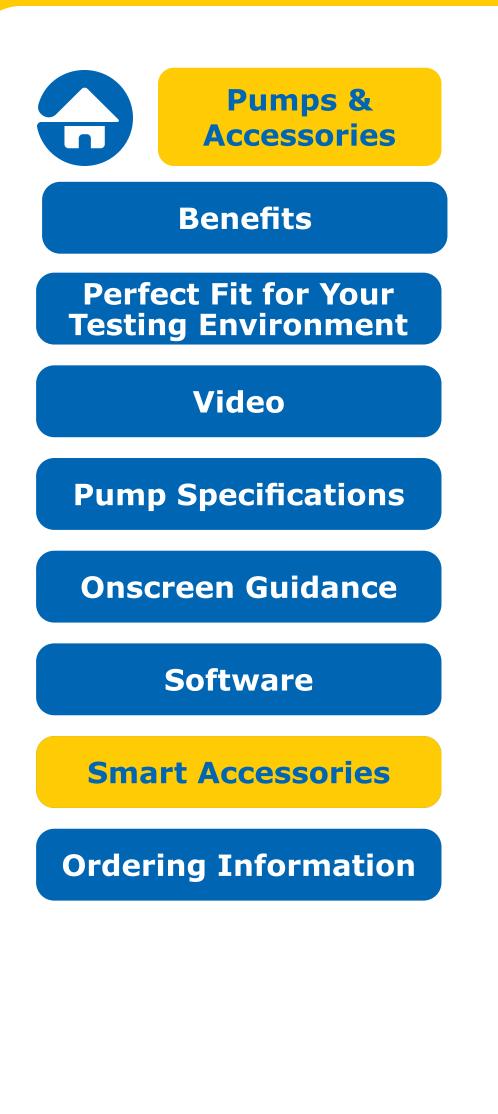
- Easily attach the communication hub to one of the legs of the laminar flow hood
- Allows easy access to the pump's main switch, accessories connectors and keeps the floor free of cables

**Order Now** 



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





### Smart accessories for streamlining your workflow and increasing safety

#### **Procedure Step**



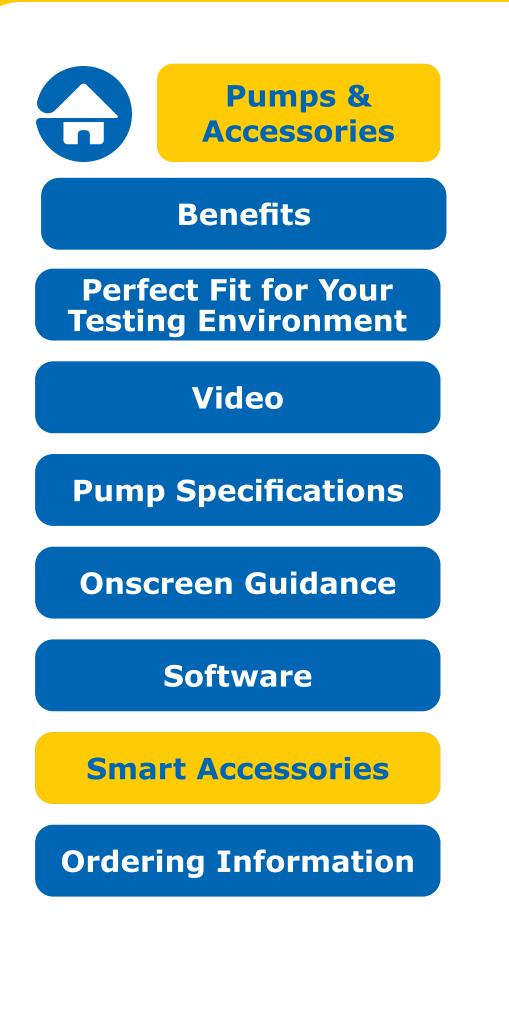


### **Steritest<sup>™</sup> Glass Ampoule Breaker**

- Keep your bench clear of glass particles or droplets
- container (up to 60 ampoules)
- Easy to clean and empty
- in your testing environment

**Order Now** 

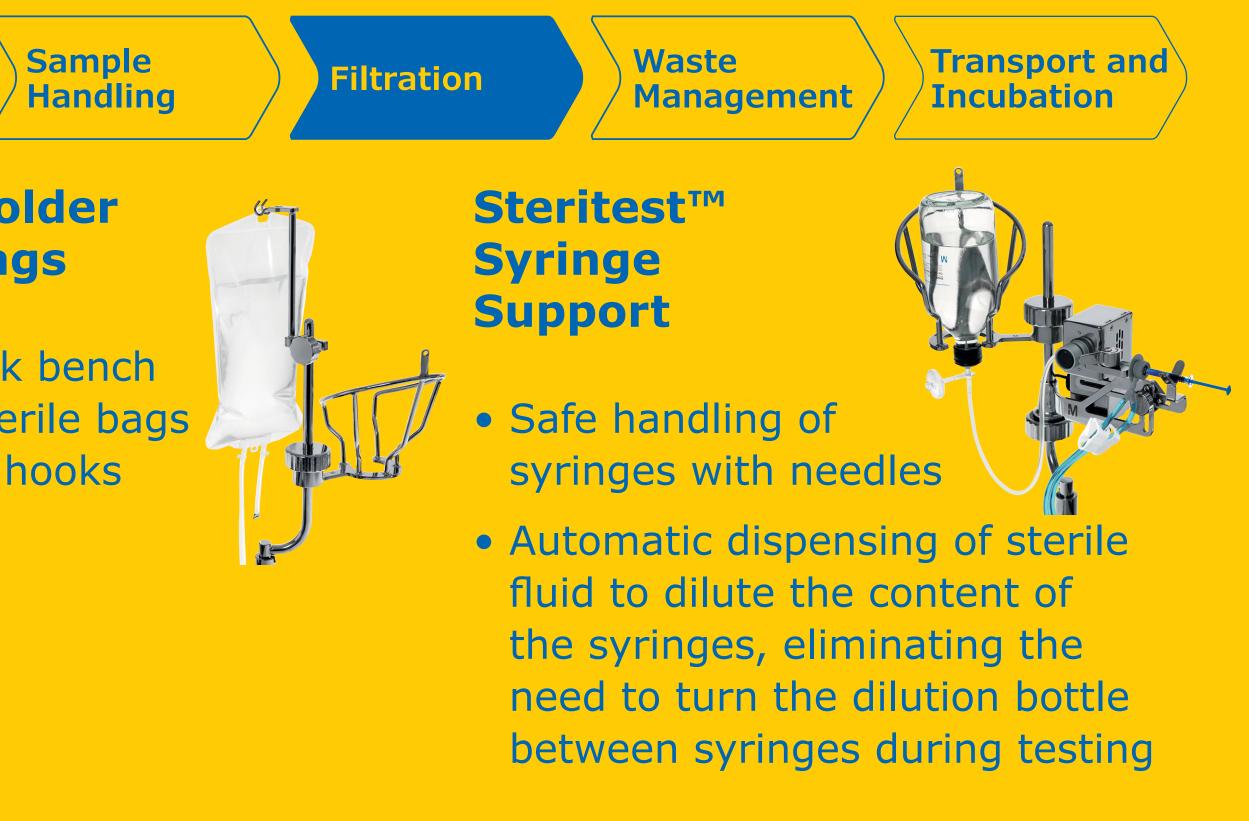




### Smart accessories for streamlining your workflow and increasing safety

#### **Procedure Step**





### **Steritest<sup>™</sup> Holder** for Sterile Bags

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

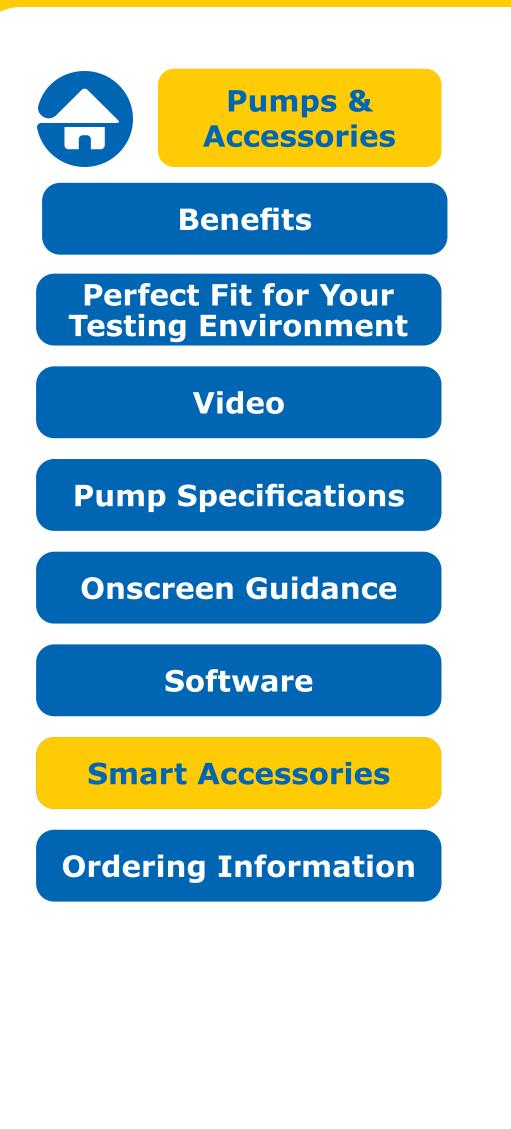
**Complete Sterility Testing Offer** 

**Order Now** 

**Request Information** 

**Order Now** 





### Smart accessories for streamlining your workflow and increasing safety

#### **Procedure Step**

Testing Environment Setup



### **Steritest<sup>™</sup> Waste Overfilling Sensor** for Solid Containers

- almost full
- waste container is emptied or replaced

**Order Now** 



**Filtration** 

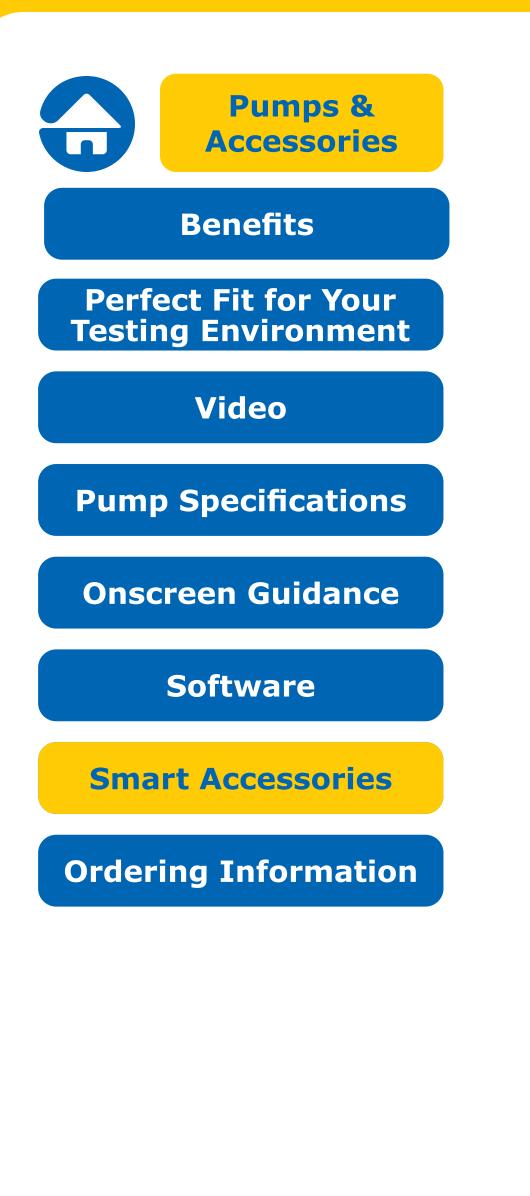
Waste Management Transport and Incubation

 User is warned via both an audible signal and visual alert on the Steritest<sup>™</sup> Symbio pump screen when the waste container is

• Test in progress can be finished before the







### Smart accessories for streamlining your workflow and increasing safety

#### **Procedure Step**

Testing Environment Setup



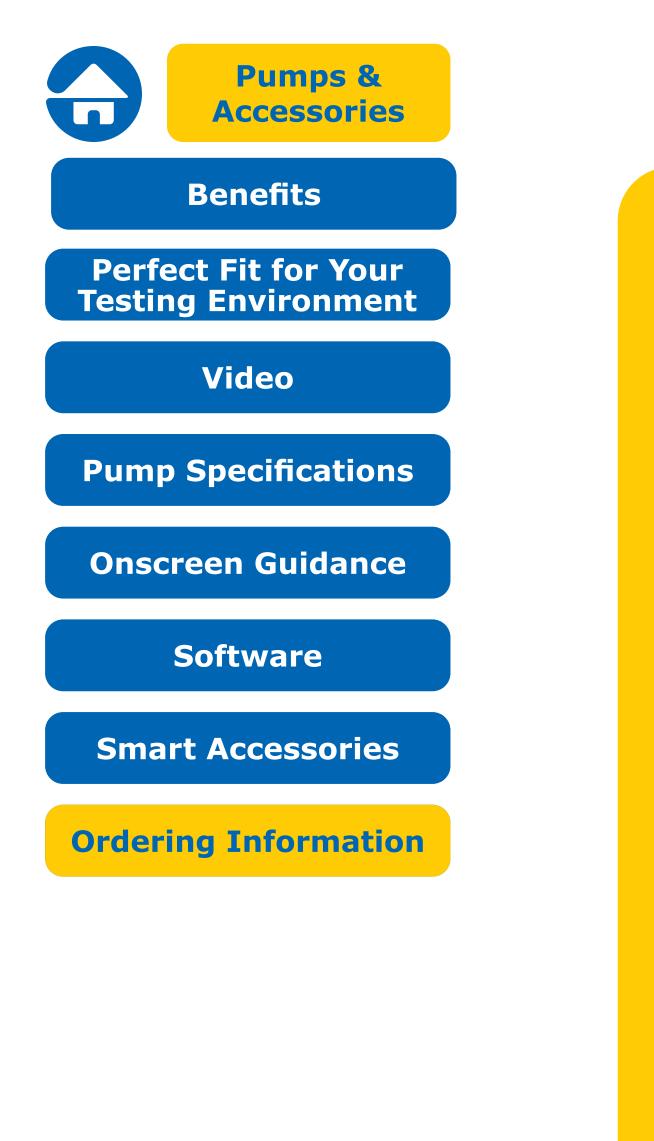
# and Rack

- Easy visual inspection of up to 5 canisters at once

**Complete Sterility Testing Offer** 

**Order Now** 





### **Ordering Information**

#### **Steritest<sup>™</sup> Symbio Pumps**

#### Product name

Steritest<sup>™</sup> Symbio LFH Pump

Steritest<sup>™</sup> Symbio ISL Pump

Steritest<sup>™</sup> Symbio FLEX Pump

#### **Steritest<sup>™</sup> Symbio Accessories**

#### **Product name**

Steritest<sup>™</sup> Glass Ampoule Breaker

Steritest<sup>™</sup> Holder for Steridilutor<sup>®</sup> Vent

Steritest<sup>™</sup> Holder for Sterile Bags

Steritest<sup>™</sup> Syringe Support

Steritest<sup>™</sup> Waste Overfilling Sensor for

Steritest<sup>™</sup> Canisters Carrying Tray

Steritest<sup>™</sup> Canisters Carrying Rack

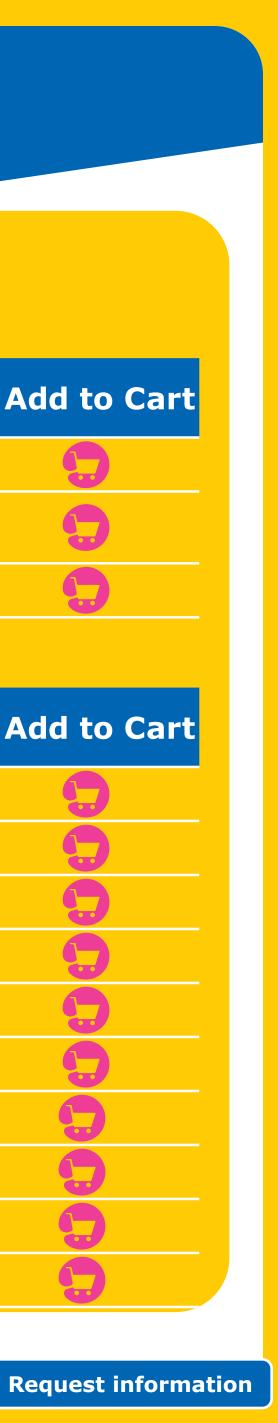
Steritest<sup>™</sup> Communication Hub Holder f

Steritest<sup>™</sup> Communication Hub Holder f

Steritest<sup>™</sup> Connection Cable Extension

Product #	Request a Demo	Add to C
SYMBLFH01WW		9
SYMBISL01WW		9
SYMBFLE01WW		9

	Product #	Request a Demo	Add to Ca
	SYMBABR01		9
Chamber	SYMBSVB01		9
	SYMBSVB01		9
	SYMBSYS01		9
Containers	SYMBWFS01		9
	SYMBCAN08		9
	SYMBRACK2		9
for Hoods	SYMBCHH01		9
for Isolators	SYMBCHI01		9
with Tri-Clover <sup>®</sup> Clamp	SYMBXTC01		9





### A team of experts

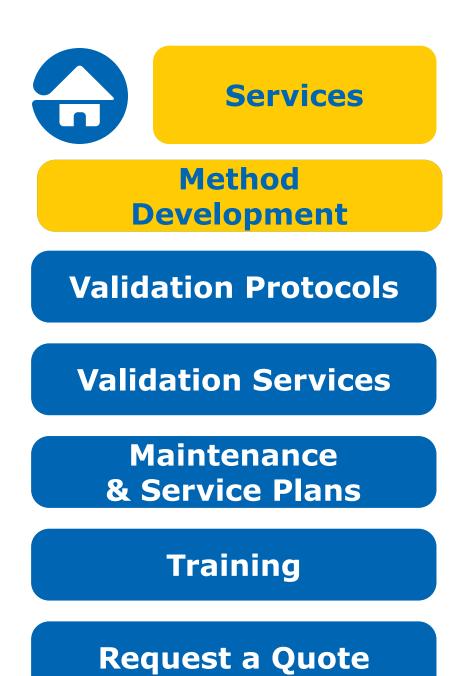
Our services portfolio supporting the Steritest<sup>™</sup> family for sterility testing.

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** 





### **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.

**Complete Sterility Testing Offer** 





### Validation protocols

**Ready-to-use** validation protocols

#### **Validation protocols**

Steritest<sup>™</sup> Symbio pumps validation protocol

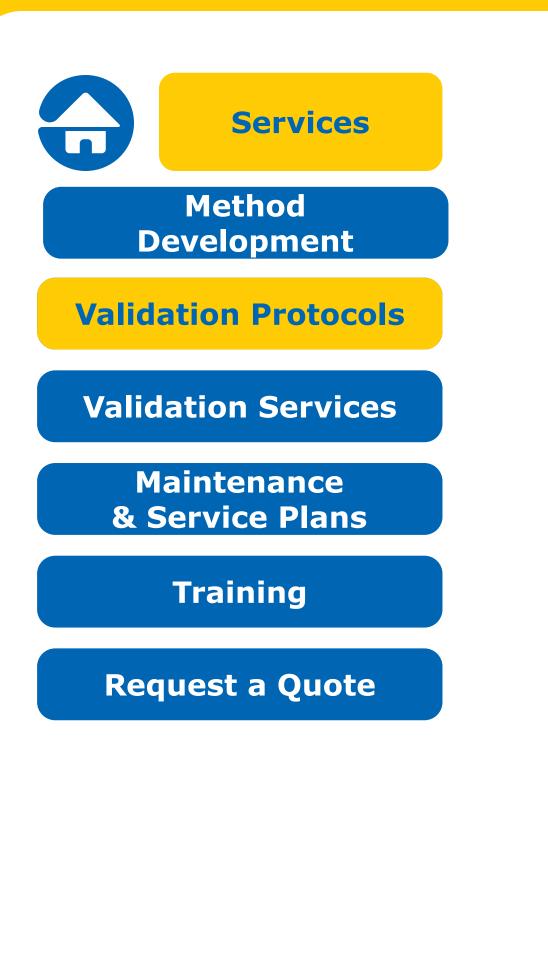
European A4: SYMBA4VP1 **US Letter: SYMBLTVP1** 

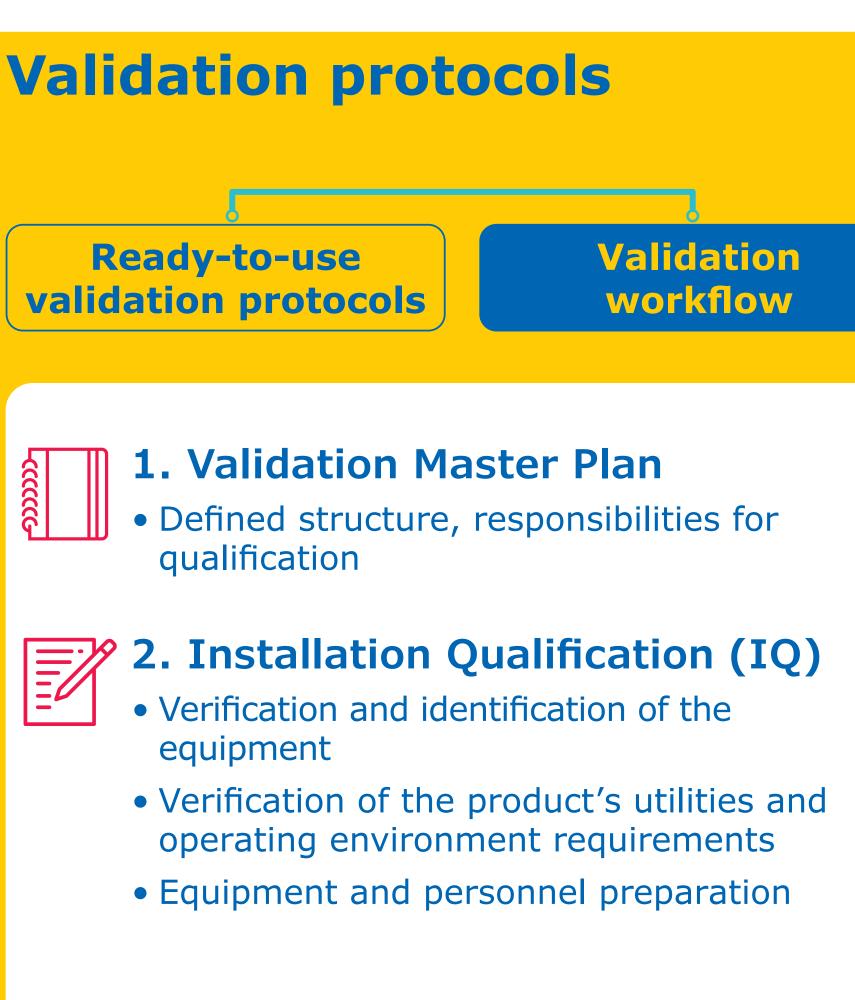
#### Leave it to us

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.











### **3.** Operational Qualification (OQ)

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

# Q.

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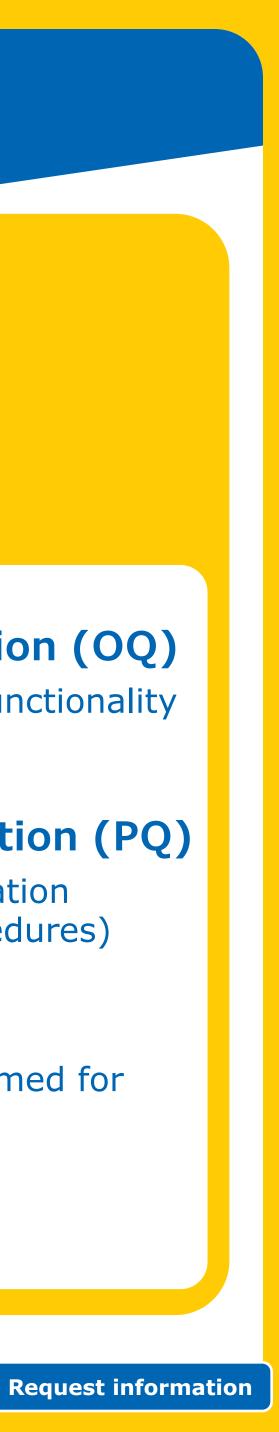
### 4. Performance Qualification (PQ)

• 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

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

**Complete Sterility Testing Offer** 

• Compliance with updated regulations: EP, USP, JP, etc.





### **Services**

**Annual preventive** maintenance

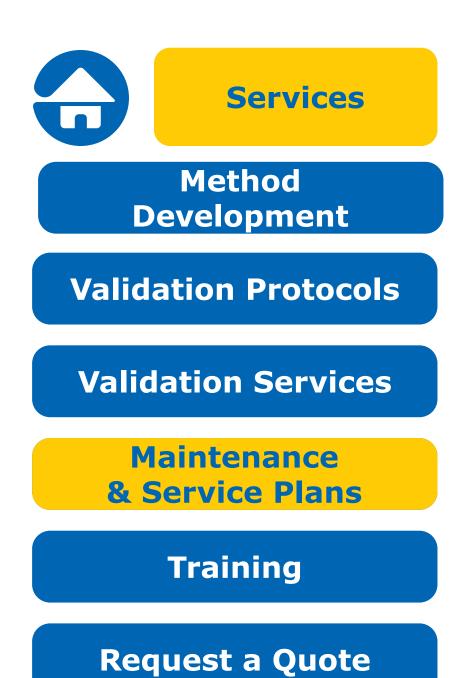
#### **Efficient operation**

Preventive maintenance and system verification enable efficient operation of critical testing equipment. Every Steritest<sup>™</sup> 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

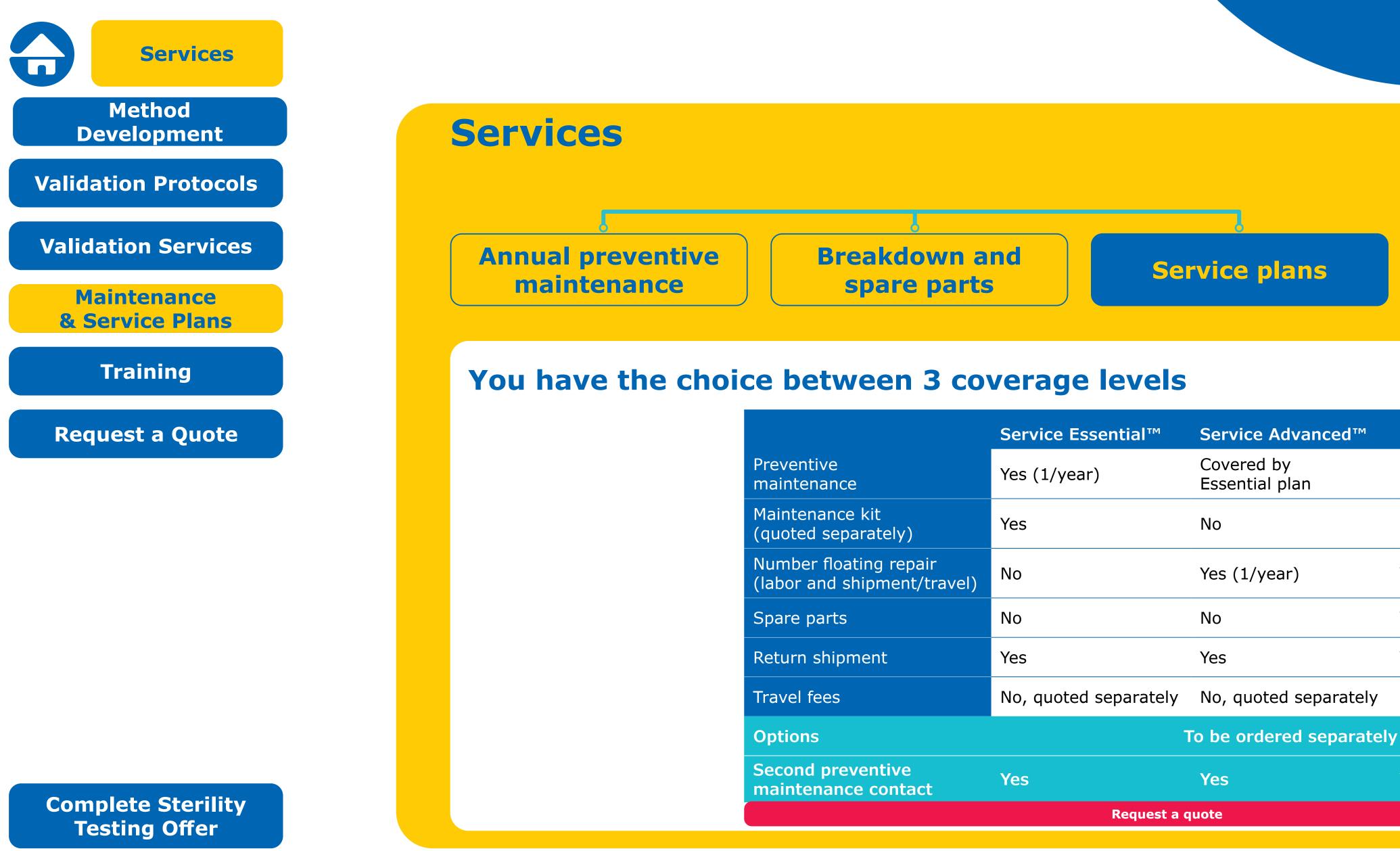
#### **Reduce the risk**

Annual preventive maintenance will reduce the risk of breakdown and ensure that your Steritest<sup>™</sup> 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).









	Service Essential™	Service Advanced™	Service Total <sup>™</sup>	
Preventive maintenance	Yes (1/year)	Covered by Essential plan	Covered by Essential plan	
Maintenance kit (quoted separately)	Yes	Νο	No	
Number floating repair (labor and shipment/travel)	No	Yes (1/year)	Yes (unlimited)	
Spare parts	Νο	Νο	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**

#### **Steritest<sup>™</sup> School**

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

- Result interpretation
- Method lifecycle
- Product portfolio
- Product demo
- Certificate of attendance

### **Advanced Operator Training (AOT)**

In-depth practical training on sterility testing covering:

- Same as Steritest<sup>™</sup> School or regulatory overview and product introduction
- In depth hands-on session for each participant: assembling the pump, usage, cleaning, troubleshooting and common mistakes
- Certificate of attendance and examination form

#### 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 Steritest<sup>™</sup> school, AOT and services, contact us





For further information about our Steritest<sup>™</sup> products please contact our local sales representative or visit our website

### SigmaAldrich.com/sterility-testing

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