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services.



Monitoring Products for Steam Sterilization

**STEAM**

Crosstex | Industrial is a division of Crosstex International, a Cantel Medical Company (NYSE:CMN). We are a leading global manufacturer of infection control and sterilization assurance products. We create high quality, innovative products, the majority of which are manufactured in the United States. Our broad range of products include the following key product lines: Biological Indicators, Chemical Indicators, Quality Control Test Suspensions, Sterilization Pouches and Tubes, Custom Indicator Labels, Face Masks and High Level Disinfectants.

Our global market segments include medical device, pharmaceutical, contract sterilizer, laboratory, food and beverage and biotechnology companies which we serve through a worldwide distribution network. With eleven manufacturing/distribution facilities around the world – eight in the United States and three internationally – Crosstex | Industrial services the global infection control community in an efficient and timely manner.

Crosstex’s infection control and sterilization assurance products are manufactured in FDA regulated facilities certified to ISO 13485:2012. Globally, Crosstex maintains a comprehensive list of accreditations and certifications.

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## Self-Contained Biological Indicators

Crosstex Self-Contained Biological Indicators (SCBIs) for monitoring Steam sterilization processes provide fast, visible, consistent and reliable results offering peace of mind for assurance of effective steam sterilization processing. Use of Crosstex's SCBIs reduce the possibility of contamination and minimizes the potential for false positives associated with post-exposure transfer.

- Visually distinct positive results from purple to yellow
- Chemical Indicator on label provides instant indication of exposure
- Saves time by eliminating aseptic culturing required with traditional spore strips
- Compliant with ISO 11138-1 and 11138-3

### SporView® SCBIs

Consist of a thermoplastic vial and a brown cap, a crushable glass ampule with an exclusively formulated Trypticase® Soy Broth (TSB) modified with pH indicator, and a disc inoculated with *Geobacillus stearothermophilus* spores.

- Reduced incubation time of 24 hours
- Smaller size, 8.4 mm x 45.5 mm, designed to fit in challenging sterilization areas



### SporView®10 SCBIs

Consist of a thermoplastic vial and a brown cap, a crushable glass ampule with an exclusively formulated Trypticase® Soy Broth (TSB) modified with pH indicator, and a disc inoculated with *Geobacillus stearothermophilus* spores

- 10 hour final readout using standard dry block incubator (55°C to 60°C)
- Reliable biological readout without the use of enzyme based technology or specific and specialized incubators or monitoring devices
- Unique packaging insert keeps SCBIs in upright position and allows for quick reference to the number of units remaining in the package
- Smaller size, 8.4 mm x 45.5 mm, designed to fit in challenging sterilization areas



### SporView® SCBIs

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population	Incubation Time	Quantity
SCS-100	10 <sup>5</sup>	24 hours	100/box
SCS-106	10 <sup>6</sup>	24 hours	100/box

### SporView®10 SCBIs

*Geobacillus stearothermophilus* Cell Line 7953  
18 month shelf life

Crosstex Code	Population	Incubation Time	Quantity
SVT-050	10 <sup>5</sup>	10 hours	50/box
SVT-106	10 <sup>6</sup>	10 hours	50/box

### Traditional SCBIs

Consist of a durable polycarbonate vial with cap, a crushable glass ampule with an exclusively formulated Trypticase® Soy Broth (TSB) modified with pH indicator, and a disc inoculated with *Geobacillus stearothermophilus* spores.

- Reduced incubation time of 24 hours
- Heavy duty construction allows for exposures under extreme conditions without concern of causing damage to the SCBI
- Larger size, 13 mm x 61 mm, fits directly into autoclave racks/baskets
- Unique packaging insert keeps SCBIs in upright position and allows for quick reference to the number of units remaining in the package



### Traditional SCBIs

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population	Incubation Time	Quantity
SCS-05	10 <sup>5</sup>	24 hours	50/box
SCS-06	10 <sup>6</sup>	24 hours	50/box

## Spore Ampules

Crosstex Spore Ampules are ideal for use in validation and routine monitoring of liquid steam sterilization cycles. Spore Ampules are manufactured using hermetically sealed Type I borosilicate glass containing an exclusively formulated Trypticase® Soy Broth (TSB) modified with pH indicator, and *Geobacillus stearothermophilus* spores. No activation is required; simply expose Spore Ampules to the sterilization process and incubate.

- Reduced incubation time of 48 hours
- Clear, visible results as growth is evident by turbidity and/or a color shift of the media from purple to yellow
- Saves time by eliminating aseptic culturing required with traditional spore strips
- Unique packaging insert keeps Ampules in upright position and allows for quick reference to the number of units remaining
- Storage under refrigerated conditions (2°C to 8°C) is required. Do not freeze
- Compliant with ISO 11138-1 and 11138-3 (population 10<sup>5</sup> or greater)

### 1 mL Spore Ampules

- Spore Ampules are approximately 58 mm in length and 10.8 mm in diameter
- Each snap top ampule is imprinted with lot number
- Negative Controls (SA1-NC-10) are available in convenient packages of 10 per box

#### 1 mL Spore Ampules

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population	Volume	Quantity
SA1-15-04	10 <sup>4</sup>	1 mL	15/box
SA1-50-04	10 <sup>4</sup>	1 mL	50/box
SA1-15-05	10 <sup>5</sup>	1 mL	15/box
SA1-50-05	10 <sup>5</sup>	1 mL	50/box
SA1-15-06	10 <sup>6</sup>	1 mL	15/box
SA1-50-06	10 <sup>6</sup>	1 mL	50/box

#### 1 mL Negative Control Ampules

24 month shelf life

Crosstex Code	Volume	Quantity
SA1-NC-10	1 mL	10/box



### 0.4 mL Mini Spore Ampules

- Mini Spore Ampules are approximately 32 mm in length and 6.4 mm in diameter
- Small size allows for placement in areas where the larger 1 mL ampule will not fit
- Mini Ampules are sold in kits which include negative controls



#### 0.4 mL Mini Spore Ampules

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population	Volume	Quantity
OS1-50-06	10 <sup>6</sup>	0.4 mL	50/box + 5 negative controls



## Digital Dry Block Incubators

The Crosstex Digital Dry Block Incubator is designed for convenient and reliable incubation of 1 mL Spore Ampules, SporView® SCBIs, SporView®10 SCBIs and Traditional SCBIs.

- The electronically-heated aluminum block holds up to 10 units
- 13 mm well size
- Temperature and incubation time are displayed digitally
- Adjustable temperature (5°C to 70°C) and incubation time (0 to 99h 59m)
- Reaches the set point temperature in 15 minutes or less
- Transparent lid included to ensure consistent temperature and to protect the units
- 12 month limited warranty



### Digital Dry Block Incubators

Crosstex Code	Voltage	Plug Type
INC-13A	110-220V	North & South America
INC-13E	110-220V	Europe
INC-13U	110-220V	United Kingdom
INC-13AC	110-220V	Australia & China

## Standard Dry Block Incubators

The Crosstex Standard Dry Block Incubators are available with both 11 mm and 13 mm well sizes. The 11 mm well size option (NDB-060) is designed for use with SporView® and SporView®10 SCBIs. The 13 mm well size option (NDB-056) is designed for use with our Traditional SCBIs and Prepared Culture Media tubes.

- Compact design allows for minimal counter space to be utilized
- Aluminum block holds up to 15 units
- The 11 mm well size options come with a built-in vial crusher
- 5 year limited warranty



### Standard Dry Block Incubators

Crosstex Code	Temperature	Well Size	Voltage	Plug Type
NDB-060	55°C to 60°C	11 mm	110V	North & South America
NDB-060-E	55°C to 60°C	11 mm	220V	Europe
NDB-060-A	55°C to 60°C	11 mm	220V	Australia & China
NDB-056	60°C	13 mm	110V	North & South America

## Prepared Culture Media

Crosstex Prepared Culture Media consists of an exclusively formulated Trypticase® Soy Broth (TSB) modified with pH indicator. A reduced incubation time of 24 hours for steam sterilization has been validated when Crosstex Biological Indicator Spore Strips and Discs are used in conjunction with Crosstex's Prepared Culture Media.

- Visually distinct results from purple to yellow in a minimum of 24 hours
- 13 mm x 100 mm flat bottom tubes of Type I borosilicate glass with screw caps
- Each lot is accompanied by a Certificate of Analysis and is certified with growth promotion capabilities using *Geobacillus stearothermophilus* Cell Line 7953

### Prepared Culture Media

12 month shelf life

Crosstex Code	Volume	Quantity
GMBCP-100	5 mL	100 tubes/box



## Inoculated Carriers & Biological Indicators

Crosstex manufactures a full line of Inoculated Carriers and Biological Indicators (BIs) for use in monitoring Steam sterilization processes. Our most popular inoculated carriers and biological indicators are manufactured using state of the art equipment, which provides assurance that each glassine pouch contains a biological indicator consistent in population, purity and dimension.

- Convenient shelf packages of 100 units per box
- Products are accompanied by a Certificate of Analysis and are certified with population, purity, and resistance characteristics (*D* value, *z* value, survival and kill where applicable)
- Compliant with ISO 11138-1 and 11138-3

## Traditional Spore Strips

Consist of inoculated filter paper, each 7 mm x 38 mm, individually packaged in easy-to-handle glassine pouches.

- The strips can be easily removed from the glassine pouch by tearing or peeling the pouch open for transfer to culture media or challenge device assembly
- Crosstex offers both *Geobacillus stearothermophilus* for monitoring processes of 121°C and higher and *Bacillus subtilis* strips for monitoring low temperature steam sterilization processes



## Traditional Spore Strips

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population	Quantity
BS-104	10 <sup>4</sup>	100/box
BS-105	10 <sup>5</sup>	100/box
BS-106	10 <sup>6</sup>	100/box

*Bacillus subtilis* Cell Line 5230  
15 month shelf life

Crosstex Code	Population	Quantity
BS52306	10 <sup>6</sup>	100/box

## Mini Spore Strips

Consist of inoculated filter paper, each 2 mm x 10 mm, packaged in a variety of options. The small size of the Mini Spore Strips allows them to fit into areas of a device where standard sized spore strips cannot be used, such as within a syringe barrel, inside tubing or under a cap.

- Crosstex Mini Spore Strips are available packaged in glassine envelopes of two sizes: a larger envelope 25 mm x 50 mm (STS-062) or a mini glassine envelope 25 mm x 25 mm (STS-062MG)
- The product is also available as an inoculated carrier in bulk (no glassine packaging – STN-062B)
- Population levels other than 10<sup>6</sup> are available upon request



## Mini Spore Strips

*Geobacillus stearothermophilus* Cell Line 7953  
30 month shelf life

Crosstex Code	Packaging	Population	Quantity
STS-062	Glassine envelopes	10 <sup>6</sup>	100/box
STS-062B	Bulk	10 <sup>6</sup>	100/box
STS-062MG	Mini glassine envelopes	10 <sup>6</sup>	100/box

## Spore Discs

Crosstex Spore Discs are available in two sizes, 6 mm and 3 mm diameters. The discs are designed to be utilized as inoculated carriers for placement directly into areas of a device which are the most difficult to sterilize.

- The Inoculated Carriers are packaged in easy-to-access and handle bulk packaging
- Crosstex Spore Discs will fit into small areas of a device where a standard-sized spore strip cannot be used, such as within a syringe barrel, inside tubing and vials or under a cap
- Compliant with ISO 11138-1



### Spore Discs

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life (BS-106D) / 30 month shelf life (DS18-06)

Crosstex Code	Disc Diameter	Packaging	Population	Quantity
BS-106D	6 mm	Bulk	10 <sup>6</sup>	100/box
DS18-06	3 mm	Bulk	10 <sup>6</sup>	100/box

## Spore Threads & Spore Wires

- Ideal for use in tubing, lumens and other devices/instruments where larger BIs and carriers cannot be utilized
- Crosstex's manufacturing process is designed to ensure that the entire length of the threads and wires contains a consistent number of spores
- Spore Wires have a rigid structure which allows for easy insertion and removal from a device
- The steel construction of our Spore Wires does not absorb moisture which is ideal when there is condensation within the lumen
- Compliant with ISO 11138-1



### Spore Threads & Spore Wires

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life (Threads) / 19 month shelf life (Wires)

Crosstex Code	Description	Packaging	Population	Quantity
THS-05	Cotton Thread 25 mm x 0.1 mm	Bulk	10 <sup>5</sup>	100/box
THS-06	Cotton Thread 25 mm x 0.1 mm	Bulk	10 <sup>6</sup>	100/box
SWS-06	Braided Steel 40 mm x 1.5 mm	Bulk	10 <sup>6</sup>	100/box

## Spore Suspensions

Crosstex manufactures a wide range of Spore Suspensions utilized in Steam sterilization processes. The Spore Suspensions are pure suspensions of spores with known steam resistance characteristics and a variety of population levels standardized per 0.1 mL. The Spore Suspensions allow for direct inoculation of products, typically to verify sterility of devices where a traditional biological indicator spore strip cannot be used. They can also be used for a variety of other microbiological tests including cleaning effectiveness studies, Bioburden percent recovery and Bacteriostasis/Fungistasis (BF) testing.

- Each vial contains 10 mL of suspension. Diluent contains 20% ethanol
- Pharmaceutical grade glass vials with screw cap and septum
- A variety of organisms including *Geobacillus stearothermophilus* and *Bacillus subtilis* (Cell Lines 6633 and 5230) for low temperature processes (<121°C)
- Spore Suspensions require storage under refrigerated conditions (2°C to 8°C)
- Each vial of Spore Suspension is accompanied by a Certificate of Analysis detailing the source, assayed population, resistance characteristics on paper carrier and expiration date
- ISO 11138-1 Compliant



### Spore Suspensions

*Geobacillus stearothermophilus* Cell Line 7953  
24 month shelf life

Crosstex Code	Population per 0.1 mL
VGS-02	10 <sup>2</sup>
VGS-03	10 <sup>3</sup>
VGS-04	10 <sup>4</sup>
VGS-05	10 <sup>5</sup>
VGS-06	10 <sup>6</sup>
VGS-07	10 <sup>7</sup>
VGS-08	10 <sup>8</sup>

*Bacillus subtilis* Cell Line 5230  
15 month shelf life

Crosstex Code	Population per 0.1 mL
US52304	10 <sup>4</sup>
US52305	10 <sup>5</sup>
US52306	10 <sup>6</sup>
US52307	10 <sup>7</sup>
US52308	10 <sup>8</sup>

*Bacillus subtilis* Cell Line 6633  
14 month shelf life

Crosstex Code	Population per 0.1 mL
SBS-04	10 <sup>4</sup>
SBS-05	10 <sup>5</sup>
SBS-06	10 <sup>6</sup>
SBS-07	10 <sup>7</sup>
SBS-08	10 <sup>8</sup>







## Chemical Process Indicators

Crosstex Steam Chemical Process Indicators (CPIs) meet performance specifications as outlined in ISO 11140-1 Sterilization of health care products - Chemical indicators - Part 1: General requirements, for Type 1 Process Indicators. Our Chemical Process Indicators provide a fast and consistent visual check on items that were sterilized by steam.





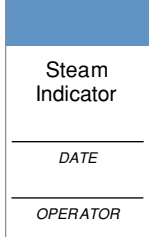
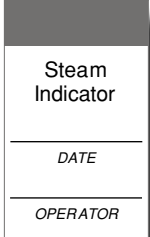
- Consistent and irreversible color transition
- No light sensitivity issues
- Permanent pressure-sensitive adhesive
- Room temperature storage (15°C to 30°C)
- Each shipment is accompanied by a Certificate of Analysis to ensure product quality and consistency

## Chemical Process Indicators

### 24 month shelf life

Crosstex Code	Description	Indicators Per Roll	Unexposed	Exposed
CPI-S01	Circle Indicator Label 12.7 mm	5,000		
SP-S05	Label with Indicator 64 mm x 38 mm	1,000		

### 36 month shelf life

Crosstex Code	Description	Indicators Per Roll	Unexposed	Exposed
SIL-1000	Circle Indicator Label 19 mm	1,000		
SGL-1000	DUAL™ Circle Indicator Label 19 mm (for use in both Steam and EO)	1,000		
STL-250	Indicator Label with operator and date 19 mm x 32 mm (0.75" x 1.25")	250		

Colors shown are representations of printed ink initial and signal colors but may vary from actual use.

## Chemical Indicators, Integrators and Emulators

Crosstex manufactures a large range of Chemical Indicators, Integrators and Emulators used for Steam sterilization. Our indicators demonstrate exceptional performance and are customized for the most widely used steam sterilization processes.

- Room temperature storage (15°C to 30°C)
- Each shipment includes a Certificate of Analysis for assurance of product quality and performance

### EmPlus 134™ Emulators – Type 6

- For use in pre-vacuum steam sterilizers operating at 134°C for 3.5 minutes or longer
- Indicator turns from green to brown when sterilizer performs as directed
- Manufactured free of latex, lead and heavy metals
- Reacts to all critical variables (time, temperature and steam) for a specified sterilization cycle
- Plastic laminated
- ISO 11140-1 Type 6 Compliant



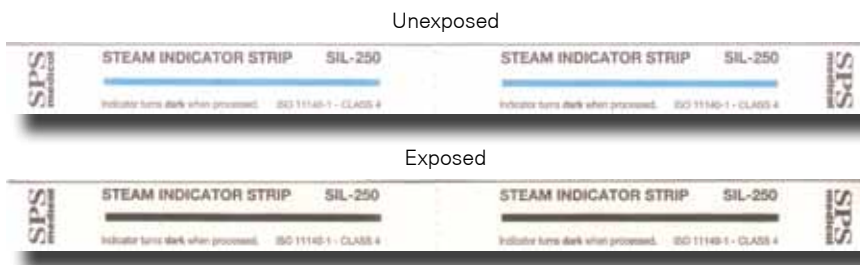
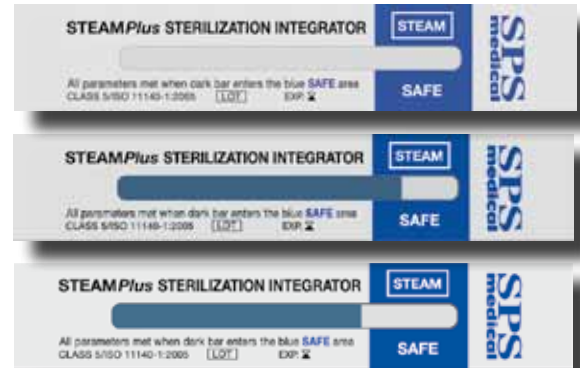
### EmPlus Emulators – Type 6

- Immediate read-out with wicking style movement
- Easy to interpret
- Reacts to all three parameters of sterilization (time, temperature, saturated steam) at 132°C for 4 minutes
- ISO 11140-1 Type 6 Compliant

### STEAMPlus™ Sterilization Integrators – Type 5

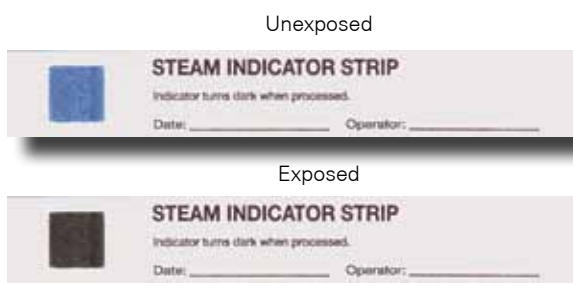
- Immediate read-out with wicking style movement
- Reacts to all three parameters of sterilization (time, temperature, saturated steam)
- Operation range 121°C to 135°C
- FDA cleared as equivalent in performance to a biological indicator
- ISO 11140-1 Type 5 Compliant

Unexposed  
Exposed – Pass  
Exposed – Fail



### 8'' Steam Indicator Strips – Type 4

- Color transition from blue to dark
- 8'' strips can be used for larger packs or torn in half at perforation for smaller packs
- Laminated option available (SIL-250-L)
- ISO 11140-1 Type 4 Compliant



### 4'' Steam Indicator Strips – Type 4

- Irreversible color transition from blue to dark
- ISO 11140-1 Type 4 Compliant

## 8" DUAL™ Monitor Strips – Type 1

- Color transition from cream to orange in EO and cream to dark brown in Steam
- Designed to be used for both Steam and EO therapy, reducing inventory, is error-free and saves money over single process indicators
- 8" strips can be used for larger packs or torn in half at perforation for smaller packs
- ISO 11140-1 Type 1 Compliant



## Chemical Indicator Pen

Chemical indicator pen allows users to identify and monitor items that are steam processed. Ink changes color from black to red when processed. Works on nonporous surfaces (i.e. metal, glass or plastic).

## Chemical Indicators, Integrators and Emulators

Crosstex Code	Description	Type	Dimensions	Quantity
EMP2503	EmPlus 134™ Emulator	Type 6	101 mm x 13 mm (4" x 0.50")	250/bag
EMP-1004	EmPlus Emulator	Type 6	101 mm x 19 mm (4" x 0.75")	1000/bag
SSI-100	STEAMPlus™ Integrator	Type 5	101 mm x 19 mm (4" x 0.75")	100/bag
SSI-1000	STEAMPlus™ Integrator	Type 5	101 mm x 19 mm (4" x 0.75")	1000/bag
SIL-250	8" Steam Indicator Strip	Type 4	203 mm x 16 mm (8" x 0.625")	250/box
SIL-250-L	8" Steam Indicator Strip Laminated	Type 4	203 mm x 16 mm (8" x 0.625")	250/box
SIS-250	4" Steam Indicator Strip	Type 4	101 mm x 19 mm (4" x 0.75")	250/box
DMS-250	DUAL™ Monitor Strip	Type 1	203 mm x 16 mm (8" x 0.625")	250/box
DMS-250-L	DUAL™ Monitor Strip Laminated	Type 1	203 mm x 16 mm (8" x 0.625")	250/box
SIP-001	Steam Indicator Pen			Each

## Indicator Tapes

Crosstex offers a wide selection of chemical indicator tapes which provide immediate identification of processed items while also securing sterilization packs. Color change indicator verifies exposure to sterilization process. Our indicator tape consists of a strong crepe-embossed paper with a pressure sensitive adhesive. The Indicator Tapes adhere to paper, paper/plastic, woven, treated woven and non-woven wraps. The adhesive allows for secure seals yet is easy to remove. Designed to aid in distinguishing processed from unprocessed loads.

- Tapes are individually packaged in 55 meter rolls (60 yards) and available in multiple widths
- Tape dispenser is also available and holds up to 2 rolls of 1" tape and has a weighted base
- ISO 11140-1 Type 1 Compliant



## Indicator Tapes

Crosstex Code	Width	Description	Color Transition	Quantity
ST-072	13 mm (1/2")	Indicator Tape	white to dark	36 rolls/cs
ST-048	19 mm (3/4")	Indicator Tape	white to dark	24 rolls/cs
ST-036	25 mm (1")	Indicator Tape	white to dark	18 rolls/cs
BT-048	19 mm (3/4")	Blue Indicator Tape	white to dark	24 rolls/cs
BT-036	25 mm (1")	Blue Indicator Tape	white to dark	18 rolls/cs
LF2-048	19 mm (3/4")	Indicator Tape – Latex / Lead Free	red to dark	24 rolls/cs
LF2-036	25 mm (1")	Indicator Tape – Latex / Lead Free	red to dark	18 rolls/cs
TD-001		Tape Dispenser		Each

## Bowie-Dick Test Packs

The Crosstex AirView™ and Lantor Cube® Bowie-Dick test packs evaluate the efficacy of air removal and steam penetration in pre-vacuum sterilizers. A Bowie-Dick Test Pass result indicates that the sterilizer successfully removed air and allowed steam to penetrate loads placed in the chamber. Crosstex Bowie-Dick Test Packs consist of a series of steam penetration barriers in the center of which is a chemical indicator sheet.

### Lantor Cube® Reusable Bowie-Dick Test Packs

- 25 test sheets per pack and can be utilized 25 times before disposal (Requires use of metal clamp – one time purchase.)
- Reduces waste and inventory space
- Saves money over single-use test packs
- Easy to interpret indicator sheet with blue to dark color transition
- Process at 134°C for 3.5 minutes
- Designed for simulating a 4 kg cotton pack according to ISO 11140-5 Type 2



### AirView™ II Single-Use Bowie-Dick Test Packs

- Easy to interpret indicator sheet with blue to dark color transition
- AirView™ II uses ink free of lead
- Instructions for Use (IFU) printed on back of each pack
- Smaller size (9.5 x 13 x 1.5 cm)
- Process at 134°C for 3.5 minutes
- Designed for simulating a 4 kg cotton pack according to ISO 11140-5 Type 2
- Individual test sheets (BDS-050) are available for preparing your own test pack.

### EU AirView™ Single-Use Bowie-Dick Test Packs

- Biodegradable and latex free
- Easy to interpret indicator sheet with blue to dark color transition
- Durable, easy-to-handle construction
- Convenient exterior Chemical Process Indicators allow for easy verification of processed from unprocessed test packs
- No preferential route of steam entry; can be placed either way in autoclave
- Validated for runs at 134°C for 3.5 min or 121°C for 15 minutes
- Designed for simulating a 7 kg cotton pack according to ISO 11140-4 Type 2



## Bowie-Dick Test Packs

Crosstex Code	Description	Dimensions	Quantity
LCR-025	Lantor Cube® Reusable Bowie-Dick Test Pack		25/cs
LCP-001	Lantor Cube® Metal Clamp		Each
MBD030	AirView™ II Bowie-Dick Test Pack	9.5 x 13 x 1.5 cm	30/cs
BDS-050	Bowie-Dick Test Sheet	22 x 28 cm	50/pk
BD-1XCS	EU AirView™ Bowie-Dick Test Pack	13 x 12.5 x 2.85 cm	20/cs



## Sure-Check® Sterilization Pouches

CDC infection control guidelines make it clear - the only way to be sure an instrument has been sterilized is to expose it to all three sterilization criteria: time, temperature and steam. Multi-variable indicators are designed to react to two or more of the critical variables and are intended to indicate exposure to a sterilization cycle at a stated value of the chosen variable. Yet traditional sterilization pouches have an internal and/or external process indicator that reacts only to temperature.

Sure-Check® Sterilization Pouches feature internal/external multi-variable indicator technology that confirms all three criteria for sterilization have been met.

For CDC compliance, today more than ever, you need to be sure about sterilization – you need Sure-Check®.

- Meets CDC Guidelines for Disinfection and Sterilization in Healthcare Facilities, 2008
- Tested and certified by an independent laboratory
- When used in conjunction with weekly biological monitoring, provides the highest level of sterility assurance, unlike traditional sterilization pouches with process indicators that measure only temperature
- Meets ANSI/AAMI ST79 Comprehensive Guide to Steam Sterilization and Assurance in Health Care Facilities
- Eliminates the extra step of adding separate multi-variable internal indicators to each pouch



## Sure-Check® Sterilization Pouches

Crosstex Code	Size	Processes	Quantity
SCXX2	2.25" x 4" (6 x 10 cm)	Steam / EO	200/bx, 20/cs
SCX2	2.75" x 9" (7 x 23 cm)	Steam / EO	200/bx, 20/cs
SCXS2	3.5" x 5.25" (9 x 13 cm)	Steam / EO	200/bx, 10/cs
SCS2	3.5" x 9" (9 x 23 cm)	Steam / EO	200/bx, 20/cs
SCS25	3.5" x 9" (9 x 23 cm)	Steam / EO	500/bx, 10/cs
SCL3222	3.5" x 22" (9 x 56 cm)	Steam / EO	100/bx, 5/cs
SCW2	5.25" x 6.5" (13 x 17 cm)	Steam / EO	200/bx, 10/cs
SCM2	5.25" x 10" (13 x 25 cm)	Steam / EO	200/bx, 10/cs
SCL5152	5.25" x 15" (13 x 38 cm)	Steam / EO	200/bx, 10/cs
SCL2	7.5" x 13" (19 x 33 cm)	Steam / EO	200/bx, 5/cs
SCL8162	8" x 16" (20 x 41 cm)	Steam / EO	200/bx, 5/cs
SCL10152	10" x 15" (25 x 38 cm)	Steam / EO	100/bx, 5/cs
SCL10172	10.5" x 17" (27 x 43 cm)	Steam / EO	100/bx, 5/cs
SCL12152	12" x 15" (30 x 38 cm)	Steam / EO	100/bx, 5/cs
SCL12182	12" x 18" (30 x 46 cm)	Steam / EO	100/bx, 5/cs

## Duo-Check® Sterilization Pouches

Duo-Check® Sterilization Pouches with both internal and external indicators will maintain sterilization of instruments for up to three years. Compatible with Steam and EO sterilization agents only.



- Available in heat-seal and self-seal options
- Single-use pouches for sterilizing reusable instruments
- Manufactured with medical grade paper and extra-wide chevron seal to protect against instrument breaching
- Pink arrows will turn light brown when exposed to steam and dark brown when exposed to EO
- Meets ISO 11140 and 11607 standards for pouch performance
- Meets ANSI/AAMI ST79 Comprehensive Guide to Steam Sterilization and Assurance in Healthcare Facilities

## Duo-Check® Self-Seal Sterilization Pouches

Crosstex Code	Size	Processes	Quantity
SCZ	2" x 8" (5 x 20 cm)	Steam / EO	200/bx, 20/cs
SCXX	2.25" x 4" (6 x 10 cm)	Steam / EO	200/bx, 20/cs
SCX	2.75" x 9" (7 x 23 cm)	Steam / EO	200/bx, 20/cs
SCQ	3.25" x 9" (8 x 23 cm)	Steam / EO	200/bx, 20/cs
SCXS	3.5" x 5.25" (9 x 13 cm)	Steam / EO	200/bx, 10/cs
SCS	3.5" x 9" (9 x 23 cm)	Steam / EO	200/bx, 20/cs
SCS5	3.5" x 9" (9 x 23 cm)	Steam / EO	500/bx, 10/cs
SCL322	3.5" x 22" (9 x 56 cm)	Steam / EO	100/bx, 5/cs
SCB1X	4.25" x 11" (11 x 28 cm)	Steam / EO	200/bx, 10/cs
SCM	5.25" x 10" (13 x 25 cm)	Steam / EO	200/bx, 10/cs
SCL515	5.25" x 15" (13 x 38 cm)	Steam / EO	200/bx, 10/cs
SCL	7.5" x 13" (19 x 33 cm)	Steam / EO	200/bx, 5/cs
SCL816	8" x 16" (20 x 41 cm)	Steam / EO	200/bx, 5/cs
SCL1015	10" x 15" (25 x 38 cm)	Steam / EO	100/bx, 5/cs
SCL1215	12" x 15" (30 x 38 cm)	Steam / EO	100/bx, 5/cs
SCL1218	12" x 18" (30 x 46 cm)	Steam / EO	100/bx, 5/cs

## Duo-Check® Heat Seal Sterilization Pouches

Crosstex Code	Size	Processes	Quantity
SC310HS	3" x 10" (8 x 25 cm)	Steam / EO	200/bx, 10/cs
SC48HS	4" x 8" (10 x 20 cm)	Steam / EO	200/bx, 10/cs
SC411HS	4.75" x 11" (12 x 28 cm)	Steam / EO	200/bx, 10/cs
SC610HS	6" x 10" (15 x 25 cm)	Steam / EO	200/bx, 10/cs
SC622HS	6" x 22" (15 x 56 cm)	Steam / EO	200/bx, 5/cs
SC713HS	7.5" x 13" (19 x 33 cm)	Steam / EO	200/bx, 5/cs
SC1015HS	10" x 15" (25 x 38 cm)	Steam / EO	200/bx, 5/cs



## Steri-Coil™ Pouch Dividers

Crosstex Code	Dimensions	Quantity
SCD-001	3.5" x 3.5" x 20"	Each
SCD-012	2.5" x 6"	Each



## Sani-Roll® Sterilization Tubing (Paper/Plastic)

- Convenient, economical way to package instruments/items – use only the length and width required
- Manufactured from medical grade paper; complete paper and film separation
- Blue tinted transparent film easily identifies compromise in film due to puncturing or tearing
- Easily visible color process indicators for Steam and EO sterilization



### Sani-Roll® Sterilization Tubing

Crosstex Code	Dimensions	Processes	Quantity
SCT2	2" x 100 ft (5 cm x 30 m)	Steam / EO	16 rolls/cs
SCT3	3" x 100 ft (8 cm x 30 m)	Steam / EO	12 rolls/cs
SCT4	4" x 100 ft (10 cm x 30 m)	Steam / EO	12 rolls/cs
SCT6	6" x 100 ft (15 cm x 30 m)	Steam / EO	12 rolls/cs
SCT2200	2" x 656 ft (5 cm x 200 m)	Steam / EO	8 rolls/cs
SCT3200	3" x 656 ft (8 cm x 200 m)	Steam / EO	4 rolls/cs
SCT4200	4" x 656 ft (10 cm x 200 m)	Steam / EO	4 rolls/cs
SCT6200	6" x 656 ft (15 cm x 200 m)	Steam / EO	2 rolls/cs
SCT8200	8" x 656 ft (20 cm x 200 m)	Steam / EO	2 rolls/cs
SCT12200	12" x 656 ft (30 cm x 200 m)	Steam / EO	1 roll

## Heat Sealers

Compact and easy to operate, each heat sealer comes with instructions for use. Heat sealers are available in 18" (46 cm) and 24" (61 cm) sizes and are ready to use after a short warm up period.

- 1/2" (1.3 cm) seal in approximately two seconds
- If object exceeding 1/8" (3 mm) thickness is in the sealing area, the heat sealer will not operate, providing protection to employees
- Temperature setting can be changed to properly seal paper/poly and Tyvek® packaging products, as well as dust covers



Heat Sealers

Crosstex Code	Size	Quantity
MHS-002	18"	Each
MHS-003	24"	Each

## CSR Sterilization Wraps

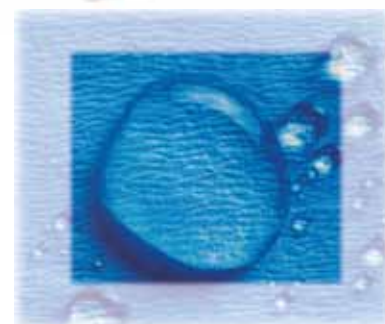
Manufactured from environmentally friendly cellulose material made from wood pulp, not petroleum – Eliminates skin sensitivity issues associated with oily residues inherent in plastic based wrappers.

- Highest BFE (bacterial filtration efficiency) Data Available / Highly Permeable (no wet packs) / Cost Effective
- Bacterial barrier to both airborne and waterborne contamination
- Outstanding liquid repellency - water, alcohol, iodine
- Exceptional tensile strength - wet or dry
- Use with EO and Steam sterilization processes
- Even texture to allow for immediate visual detection of small pinholes/tears
- Meets FFA (Flammable Fabrics Act) requirements



### CSR Sterilization Wraps

Crosstex Code	Dimensions	Processes	Quantity
SW12	12" x 12" (30 x 30 cm)	Steam / EO	100/bx, 10/cs
SW15	15" x 15" (38 x 38 cm)	Steam / EO	100/bx, 5/cs
SW18	18" x 18" (46 x 46 cm)	Steam / EO	100/bx, 5/cs
SW20	20" x 20" (51 x 51 cm)	Steam / EO	100/bx, 5/cs
SW24	24" x 24" (61 x 61 cm)	Steam / EO	100/bx, 5/cs
SW30	30" x 30" (76 x 76 cm)	Steam / EO	250/bx, 1/cs
SW36	36" x 36" (91 x 91 cm)	Steam / EO	250/bx, 1/cs
SW40	40" x 40" (102 x 102 cm)	Steam / EO	250/bx, 1/cs
SW48	48" x 48" (122 x 122 cm)	Steam / EO	100/bx, 1/cs
SW54	54" x 54" (137 x 137 cm)	Steam / EO	100/bx, 1/cs



# Our Product Literature

**CROSSTEX** | INDUSTRIAL

Consistent.  
Reliable.  
Innovative.

Your most trusted partner for sterilization products and services.



Monitoring Products for Steam Sterilization **STEAM**

**STEAM**

**CROSSTEX** | INDUSTRIAL

Timely.  
Accurate.  
Experienced.

We're with you from start to finish.



Monitoring Products for Ethylene Oxide **EO**

**EO**

**CROSSTEX** | INDUSTRIAL

Trusted.  
Tailored.  
Precise.

We can help you ensure the safety of your product.



Monitoring Products for Gamma & E-Beam Sterilization **IRRAD**

**IRRAD**

**CROSSTEX** | INDUSTRIAL

Innovative.  
Smart.  
Trusted.

We're your partner for sterilization products.



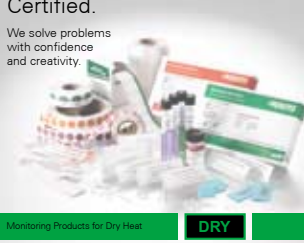
Monitoring Products for Vaporized Hydrogen Peroxide **VH2O2**

**VH2O2**

**CROSSTEX** | INDUSTRIAL

Secure.  
Tested.  
Certified.

We solve problems with confidence and creativity.



Monitoring Products for Dry Heat **DRY**

Steam-Formaldehyde **FORM**

Chlorine Dioxide **CLO2**

**DRY** **FORM** **CLO2**

**CROSSTEX** | INDUSTRIAL

Precise.  
User-friendly.  
Flexible.


We're here to verify your product performance.



Quality Control Test Suspensions - Growth Promotion

**CROSSTEX** | INDUSTRIAL

THE RIGHT MASK FOR THE RIGHT TASK



**CROSSTEX**  
A CAVEY MEDICAL COMPANY

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