

PRODUCT
CATALOGUE

STERI SMART[®]

STERILIZATION & BIO-SCIENCES

Let's work together
to create a better future



About us

It considers innovation as a connection point between identity, purpose and culture And its mission is to provide the best sterilization solutions in the medical, hospital and dental sectors, guaranteeing excellence and presence around the world.

To become the largest company and the major source in the world, with high-tech solutions in medical, hospital and dental sectors, we will always maintain our commitment to quality, humanity, respect, safety and sustainability.

On this path, by identifying and developing talents, promoting team work and human work, seeking to continuously provide stable, high-tech, efficient and competitive solutions and continuous improvement in the quality of products, services and processes, as well as creating transparency in internal and external relations. , maintaining respect for competitors, partners, suppliers and customers, our company values respect for life, health, environment and people by promoting 100% sustainable actions and solutions internally and externally for the benefit of health, quality of life ,We will value people and the future of our planet.



Sterilization Monitoring

Sterilization monitoring is the process of ensuring that medical equipment and instruments are free from harmful microorganisms before they are used on patients.

This is achieved through various methods, such as physical, chemical, and biological monitoring. Regular monitoring of the sterilization process is essential in preventing the transmission of infectious diseases and ensuring patient safety.

Healthcare facilities should have a comprehensive monitoring program that includes regular testing of equipment and processes, using a range of monitoring methods and tools, such as sterilization indicators and biological indicator strips.

Adhering to industry standards and guidelines is critical in establishing a robust sterilization monitoring program



Chemical Sterilization Monitoring

Chemical monitoring is one of the methods used in sterilization monitoring to assess the effectiveness of the sterilization process.

It involves using chemical indicators, such as heat-sensitive tapes, to indicate that the sterilization process has been completed successfully.

The chemical indicators change color or pattern when exposed to the sterilization process, providing an easy visual indication that the equipment or instrument has been sterilized.

Chemical monitoring is a simple and cost-effective method of monitoring the sterilization process, but it is important to note that it does not confirm the complete destruction of all microorganisms.

Therefore, it is recommended to combine chemical monitoring with other monitoring methods, such as biological monitoring, to ensure optimal sterilization efficacy.



SST-ST4 TYPE 4

Multi-Variable Steam Chemical Indicator Strips

STERI SMART Class 4 Multi-Variable Steam Indicator Strips are designed to be used in steam sterilizers operating at 134°C – 3.5 minutes. The indicator strips can be used in every pack and will provide assurance of steam penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from BLUE to BLACK after successful steam sterilization.

Product Description

- Single strip design
- Designed for STEAM sterilization at 134°C – 3.5 minutes
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and other heavy metals
- Packed in 500 pieces



SST-ST4A TYPE 4

Multi-Variable Steam Chemical Indicator Strips (Self Adhesive)

STERI SMART Class 4 Multi-Variable Steam Indicator Strips are designed to be used in steam sterilizers operating at 134°C – 3.5 minutes. The indicator strips can be used in every pack and will provide assurance of steam penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from BLUE to BLACK after successful steam sterilization.

Product Description

- Single strip design
- Designed for STEAM sterilization at 134°C – 3.5 minutes
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and other heavy metals
- Packed in 500 pieces
- Self-Adhesive versions can be used as a permanent record for traceability purposes



SST-STI5 TYPE 5

Progressive Steam Indicator Strips

STERI SMART Class 5 Integrator (progressive) Indicator For steam sterilization processes Between 118°C and 138°C. Chemical Integrator from a paper wick and a steam and Temperature sensitive chemical pellet in paper/film/foil The chemical pellet laminate melts and moves along as a dark band The migration paper wick is visible through a marked area Accept or reject, thus indicating whether the conditions of sterilization they met. The amount of migration depends on the quality of steam, time and Temperatures. An ACCEPT result is obtained when it is a theoretical spore The population reaches its death time, which represents the condition of integration it is arrived.

This mode is calibrated with a kill time of 10^6

Product Description

- Size: 50mm x 20mm.
- It can be used for steam sterilization cycles
- Moving front style has (Accept/Reject) readout for instant results without interpretation
- Safe, non-toxic chemicals is used. No risk for contamination or transfer of sterile items
- Compatible with ISO 11140-1
- Packed in 200 pieces
- Do not store the product near sterilizing agents, strong alkali or Acidic products such as cleaners/disinfectants.
- Do not expose this product to EO, dry heat or any sterilization Processes other than Steam
- Do not reuse the sterilizer until the dark bar reaches ACCEPT Area



SST-ST5 TYPE 5

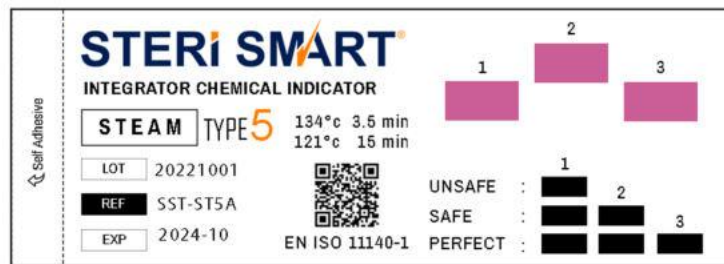
Integrator Steam Indicator Strips

STERIS SMART Class 5 Steam Integrator Chemical Indicator Strip is designed to evaluate parameters of the sterilization process on the location and to give instant read-out. It can be used in all steam sterilizers as an internal pack monitor. The Integrator changes color rapidly when the sterilization parameters are reached. The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from PINK to BLACK after successful steam sterilization.

An internal chemical indicator should be placed in every sterilization package to ensure the sterilization agent has penetrated the packaging material and reached the instruments inside.

Product Description

- Single strip design
- Water-based and non-toxic chemical indicator is used
- It is easy to read and interpret
- Clear and accurate color change
- Packed in 500 pieces



SST-ST5A TYPE 5

Integrator Steam Indicator Strips (Self Adhesive)

STERIS SMART Class 5 Steam Integrator Chemical Indicator Strip is designed to evaluate parameters of the sterilization process on the location and to give instant read-out. It can be used in all steam sterilizers as an internal pack monitor. The Integrator changes color rapidly when the sterilization parameters are reached. The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from PINK to BLACK after successful steam sterilization.

An internal chemical indicator should be placed in every sterilization package to ensure the sterilization agent has penetrated the packaging material and reached the instruments inside.

Product Description

- Single strip design
- Water-based and non-toxic chemical indicator is used
- It is easy to read and interpret
- Clear and accurate color change
- Self-Adhesive versions can be used as a permanent record for traceability purposes
- Packed in 500 pieces



SST-ST6 TYPE 6

Emulating Steam Indicator Strips

STERI SMART Class 6 Emulating steam indicator strips are designed to be used in steam sterilizers operating at 121°C – 15 minutes and 134°C – 3.5 minutes.

The cycle verification indicators can be used in every pack and will provide assurance of steam penetration into the packs and presence of all critical parameters of steam sterilization cycle.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from PINK to BLACK after successful steam sterilization.

Product Description

- Single Strip design
- Designed for STEAM at 134°C – 3.5 minutes.
- Designed for STEAM at 121°C – 15 minutes
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and heavy metals
- Packed in 500 pieces



SST-ST6A TYPE 6

Emulating Steam Indicator Strips (Self Adhesive)

STERI SMART Class 6 Emulating steam indicator strips are designed to be used in steam sterilizers operating at 121°C – 15 minutes and 134°C – 3.5 minutes.

The cycle verification indicators can be used in every pack and will provide assurance of steam penetration into the packs and presence of all critical parameters of steam sterilization cycle.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from PINK to BLACK after successful steam sterilization.

Product Description

- Single Strip design
- Designed for STEAM at 134°C – 3.5 minutes.
- Designed for STEAM at 121°C – 15 minutes
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and heavy metals
- Packed in 500 pieces
- Self-Adhesive versions can be used as a permanent record for traceability purposes



SST-BDS TYPE 2


STEAM

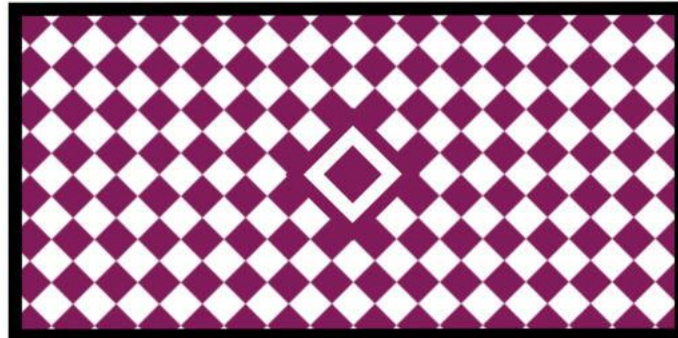
Bowie & Dick Simulation Tests (Self Adhesive)

STERI SMART Bowie & Dick Simulation Test With reference to the European Standard EN 285, the Bowie & Dick Test is a mandatory test for steam sterilizers. This functionality test for steam sterilizers needs to be done at the beginning of the working day. After a successful pass of the Bowie & Dick Test Pack the steam sterilizer can be released for use. The Bowie & Dick Test Set is dedicated for porous and hollow loads in pre-vacuum hospital steam sterilizers. Compared to the BD Test Pack (porous loads) the Bowie & Dick Test Set simulates a hollow instrument and generates a bigger challenge for the steam sterilizer and the steam sterilization process. It complies with EN ISO 11140-1 (Type 2) as well as EN-ISO 11140-4.

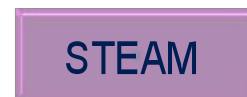
Product Description

- Simulation of worst case scenario
 - Easy and fast interpretation of color change from pink to black
 - Easy documentation of the self adhesive indicator strip
 - Non reversible indicator
 - Reproducible results
 - Ink is free of any toxic component
- Paper is high quality recycled paper
- 300 pcs per box

BOWIE & DICK TEST CARD		STEAM	
Site: _____	Dept: _____		
Machine#: _____	Cycle#: _____		
Operator: _____	Date: _____		
Supervisor: _____	Result: PASS <input type="checkbox"/>	FAIL <input type="checkbox"/>	
STERI SMART	LOT 20230201	MFR 2023-02	
	REF SST-SBC	EXP 2027-02	



SST-SBC



Bowie & Dick Test Card

STERI SMART Bowie-Dick Test Card is used to evaluate the efficacy of air removal in dynamic-air-removal steam sterilizers. Cycles of 3.5 minutes at 134 °C or 4 minutes at 132 °C. Designed under Quality Management System standards ISO 13485 and ISO 11140-4

Product Description

- Significant color change from PINK to BLACK
 - Manufactured without any lead or other heavy metals
 - Disposable single-use pack
 - Indicator sheet can be kept for a permanent record
 - Conforms to EN ISO 11140-4
 - Lot number and expiration date for each pack
- Paper is high quality recycled paper
- 100 pcs per box



SST-ET5 TYPE 5

Ethylene Oxide Chemical Indicator Strips

STERI SMART Class 5 Ethylene Oxide (ETO) indicator strips are designed to be used at ethylene oxide sterilizers in compliance with ISO 11135. The indicator strips can be used in every pack and will provide assurance of ethylene oxide gas penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from RED to YELLOW after successful ethylene oxide sterilization.

Product Description

- Single Strip design
- Designed for Ethylene Oxide (ETO) sterilization
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and heavy metals
- 500 pcs per box



SST-ET5A TYPE 5

Ethylene Oxide Chemical Indicator Strips (Self Adhesive)

STERI SMART Class 5 Ethylene Oxide (ETO) indicator strips are designed to be used at ethylene oxide sterilizers in compliance with ISO 11135. The indicator strips can be used in every pack and will provide assurance of ethylene oxide gas penetration into the packs. The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from RED to YELLOW after successful ethylene oxide sterilization.

Product Description

- Single Strip design
- Designed for Ethylene Oxide (ETO) sterilization
- Water based, non-toxic chemical indicator
- Clear and accurate color change
- Manufactured in absence of lead and heavy metals
- Self-Adhesive versions can be used as a permanent record for traceability purposes
- 500 pcs per box



SST-BMS TYPE 5

STEAM

Batch Control Helix Test (PCD)

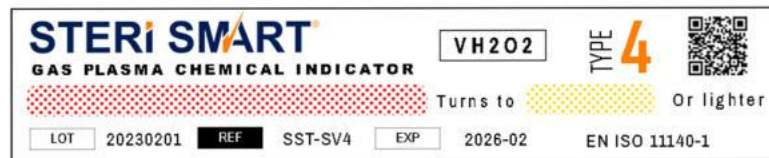
STERI SMART Helix PCD Test (process challenge device) is used as a daily test for pre-vacuum hospital sterilizers and for bench top steam sterilizers Class B for steam penetration and inert gases. The Helix PCD test is an excellent test to detect even the smallest amounts of inert gases and steam penetration capabilities.

The EN 867 Part 5 is describing a Helix PCD based steam penetration test as an alternative for the Bowie & Dick Test for bench top steam sterilizers Class B. The EN 285 is specifying the Helix PCD test for hospital steam sterilizers when it is mainly used to sterilize hollow loads.

STERI SMART Helix PCD test is not replacing routine monitoring of sterilization cycles. This should be done by lot control sets and/or with inpack integrators.

Product Description

- Designed for Steam sterilization at 134°C – 3.5 min
- Water based, non-toxic, lead free indicator
- Clear and accurate color change from Pink to black
- Conform to ISO 11140 - 1:2014
- 600 pcs per box



SST-SV4 TYPE 4

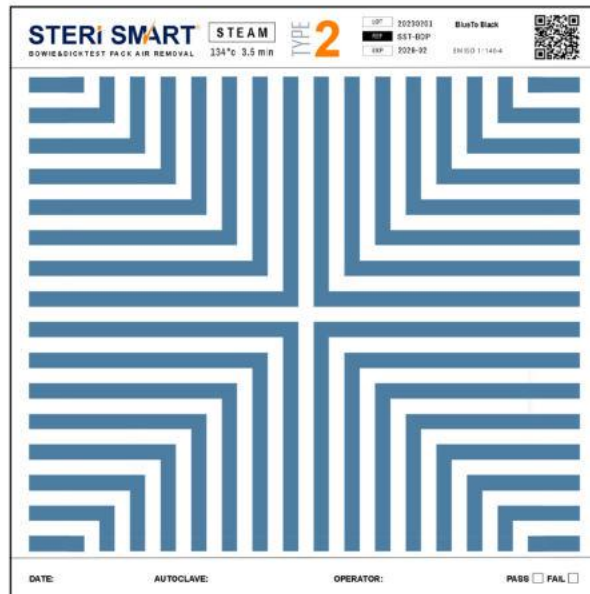
VH2O2 (PLASMA) Indicator Strips

STERI SMART VH2O2 (plasma) indicator strips are designed to be used at low temperature hydrogen peroxide gas plasma sterilizers. The indicator strips can be used in every pack and will provide assurance of sufficient hydrogen peroxide gas penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from RED to YELLOW after successful hydrogen peroxide gas plasma sterilization.

Product Description

- Single strip design
- Designed for vaporized VH2O2 (plasma) sterilization
- Non-toxic, lead free process indicator
- Accurate indicator color change
- Conforms to ISO 11140-1
- Packed in 500 pieces



SST-BDP TYPE 2

STEAM

Bowie&Dick Pack Air Removal Test

STERI SMART Bowie-Dick Test Packs are pre-assembled, single-use test packs designed to evaluate the performance of the air removal system of pre-vacuum assisted sterilizers in compliance with EN 285 and operating at 134°C and 3.5 minutes.

Product Description

- Significant color change from BLUE to BLACK
 - Manufactured without any lead or other heavy metals
 - Disposable single-use pack
 - Indicator sheet can be kept for a permanent record
 - Conforms to EN ISO 11140-4
 - Lot number and expiration date for each pack
- Paper is high quality recycled paper

- 100 pcs per box



SST-DT4 (TYPE 4)

Dry Heat Indicator Strips

MULTICRITICAL PROCESS VARIABLE INDICATOR STRIP For Monitoring Dry Heat Sterilization Processes (CLASS/TYPE 4)

Instructions for Use

Use a strip in each pack, peel pouch, or tray to be sterilized by dry heat. Process the packages/items as instructed in the sterilizer validation or manual.

Upon exposure to dry heat, the chemical indicator will transition from green to a shade of brown. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition from green to brown provides indication of exposure to dry heat. If the signal color is not achieved, this suggests ideal sterilization conditions were not met. Determine if the load was successfully sterilized by examining the biological indicator, or re-sterilize the load using a new strip.

Product Description

- Single strip design
- Water-based and non-toxic chemical indicator is used
- It is easy to read and interpret
- Clear and accurate color change
- Packed in 500 pieces



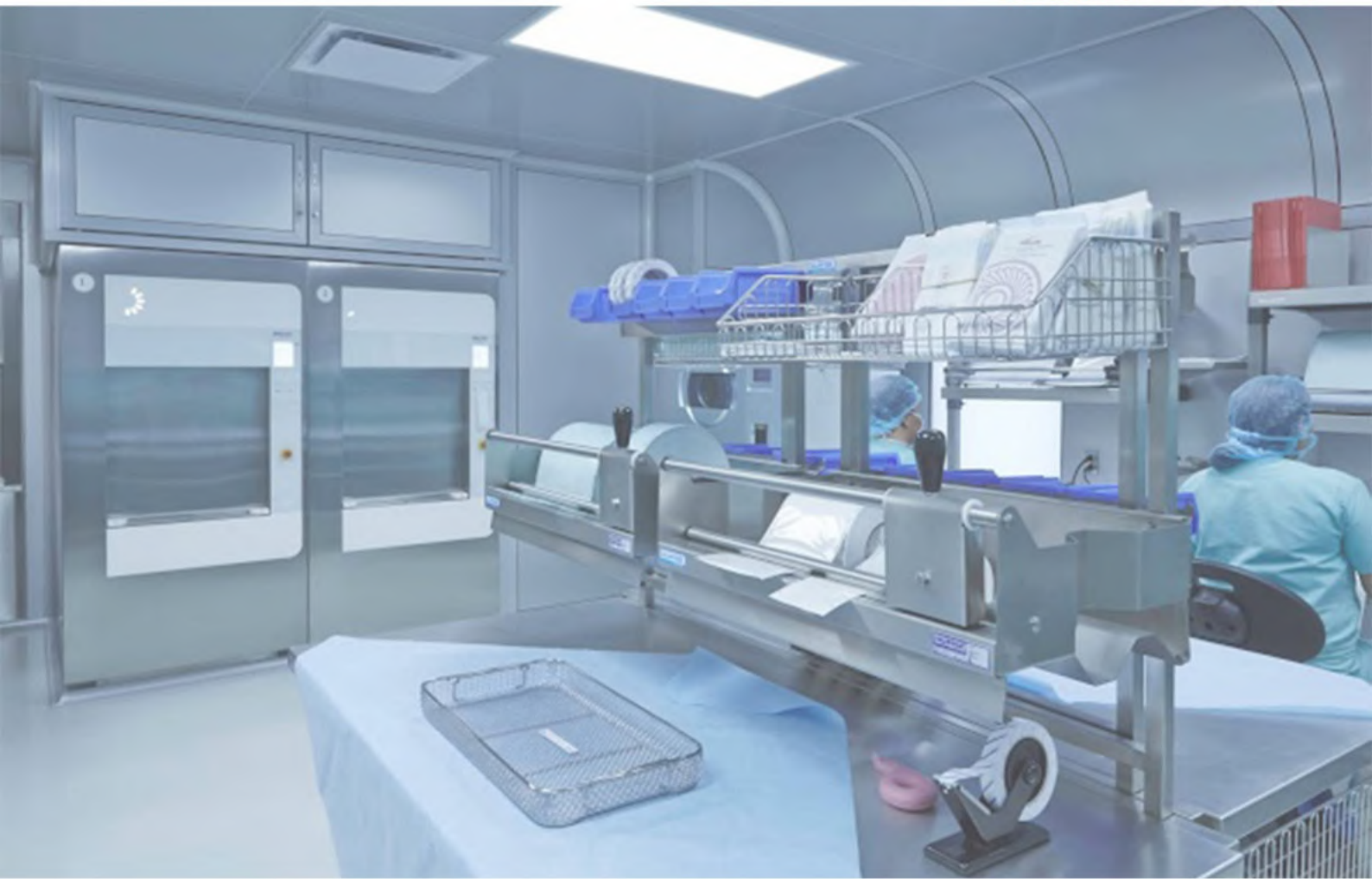
Ref.#	Description	Quantity
SAT 1950	Steam Tape 19 mm x 50 M	60 pcs / Carton
SAT 2550	Steam Tape 25 mm x 50 M	50 pcs / Carton
E-1950	EO Tape 19 mm x 50 M	60 pcs / Carton
E-2550	EO Tape 25 mm x 50 M	50 pcs / Carton
H-1950	H2O2 Tape 19 mm x 50 M	60 pcs / Carton

Autoclave Tape

STERI SMART Autoclave Tape a reliable autoclave tape that provides immediate identification of processed items and also serves as a closure tape to seal sterilization packs. The chemical indicator lines will turn dark when exposed to proper sterilization conditions. The autoclave tapes are suitable for steam sterilization process. It is important to note that the presence of autoclave tape that has changed color on an item does not ensure that the product is sterile, as the tape will change color upon exposure only.

Product Description

- Water-based and non-toxic chemical indicator
 - Adheres to woven, treated woven, non-woven, paper and paper/plastic wraps
 - Adhesive seals pack the wrapping material securely but provide a clean peel from the material
 - Different sizes are available on request
 - Compatible with ISO 11140-1
- Paper is high quality re-cycled paper



Biological Sterilization Monitoring

Biological monitoring is a crucial aspect of sterilization monitoring, specifically in confirming that the sterilization process has effectively killed all microorganisms on medical equipment and instruments.

It involves the use of biological indicators, such as spore tests, to assess the effectiveness of the sterilization process.

Biological monitoring helps to identify any deficiencies or malfunctions in the sterilization process, allowing for corrective actions to be taken promptly.

It is important to incorporate biological monitoring into a comprehensive sterilization monitoring program to ensure that healthcare facilities maintain a high standard of patient safety.



Ref.#	Description	Quantity
SBI-V24H 105	Steam Biological Indicator 10 ⁵ spores per vial.	100 pcs per box
SBI-V24H 106	Steam Biological Indicator 10 ⁶ spores per vial.	100 pcs per box

SBI-V24H

STEAM

Self-Contained Biological Indicator (SCBI)

STERI SMART Bio-test for Steam Sterilization Processes.

Geobacillus stearothermophilus (ATCC 7953) 10⁵ and 10⁶ spores per vial.

Readout: 24 hours. Monitoring vacuum-assisted and gravity air-displacement Steam Sterilization processes at 121-135 °C.

Product Description

PACKAGING : 100 pcs PER BOX

REGULATION : ISO 13485, ISO 11138-1, ISO 11138-3

POPULATION : 10⁵ and 10⁶ SPORES PER CARRIER

READOUT : 24 HOURS

INCUBATION TEMP : 55-62 °C



SBI-E48H ETO

Self-Contained Biological Indicator (SCBI)

STERI SMART Bio-test for Ethylene Oxide Sterilization Processes

Steri Smart Bio Test Self-Contained Biological Indicator for Ethylene Oxide sterilization processes. *Bacillus atrophaeus*

(ATCC 9372) 10^6 spores per vial. Readout: 48 hours.

If sterilization process was not successful, the indicator media will change from green to yellow

Product Description

PACKAGING : 100 pcs per box

REGULATION : ISO 13485, ISO 11138-1, ISO 11138-2

POPULATION : 10^6 SPORES PER CARRIER

READOUT : 48 HOURS

INCUBATION TEMP : 37 ± 2 °C



SBI-P24H VH2O2

Self-Contained Biological Indicator (SCBI)

STERI SMART Bio - test for Plasma or Vaporized Hydrogen Peroxide Sterilization Processes

Geobacillus stearothermophilus (ATCC7953) 10^6 spores per vial. Readout 24 hours. Steri Smart Biological Indicator is specifically designed for the monitoring of Plasma or Vaporized Hydrogen Peroxide sterilization processes. If sterilization process was not successful, the indicator media will change from purple to yellow after incubation between 55-62 °C, thus indicating the presence of live *Geobacillus stearothermophilus* spores. If the sterilization process was effective, the indicator media will remain purple after incubation. The final readout should be made after 24 hours of incubation between 55-62 °C.

Product Description

PACKAGING : 100 pcs per box

REGULATION : ISO 13485, ISO 11138-1

POPULATION : 10^6 SPORES PER CARRIER

READOUT : 24 HOURS

INCUBATION TEMP : 55-62 °C



SBI-F48H FORM

Self-Contained Biological Indicator (SCBI)

STERI SMART Bio-test for Formaldehyde Sterilization Processes.

Geobacillus stearothermophilus (ATCC 7953) 10^6 spores per vial. Readout: 48 hours, between 55-62 °C. Positive growth results

If sterilization process was not successful, the indicator media will change from purple to yellow

Product Description

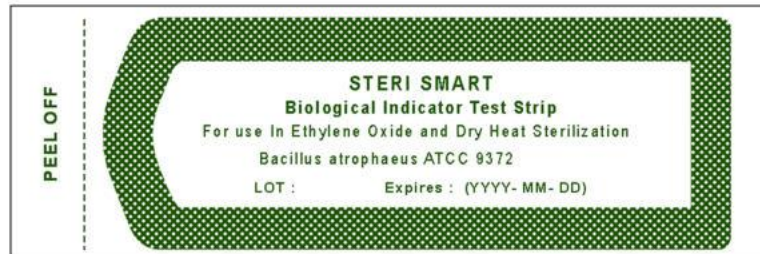
PACKAGING : 100 pcs per box

REGULATION : ISO 13485, ISO 11138-2, ISO 11138-5

POPULATION : 10^6 SPORES PER CARRIER

READOUT : 48 HOURS

INCUBATION TEMP : 55-62 °C



SBI-06ES

Spore Strips Biological Indicator

STERI SMART SBI-06ES For Monitoring Ethylene Oxide & Dry heat Sterilization processes *Bacillus Atrophaeus ATCC9372*

Product Description

Usage : Monitoring Ethylene Oxide Sterilization process

Applicable regulation : Designed under Quality Management System standards ISO 13485:2016 ISO 11138-1:2017, ISO 11138-2:2017 , ISO 11138-4:2017

Classification : Class1 according to risk

Characteristics : 25 mm x 75 mm non-absorbent material package.

Disc Spore : 7 mm x 35 mm filter paper strip

Bacillus atrophaeus ATCC 9372 spores per strip.

Upon completion of the sterilization cycle, the spore strip should be tested in a suitable culture medium at 37 °C. We suggest the use of SteriSmart MC-BT10 culture media to final reading in 48 hours.

For conventional culture medium like TSB, incubation for 7 days at 37 °C is recommended.

Packing : 100 units per box.



Sterilization Packaging

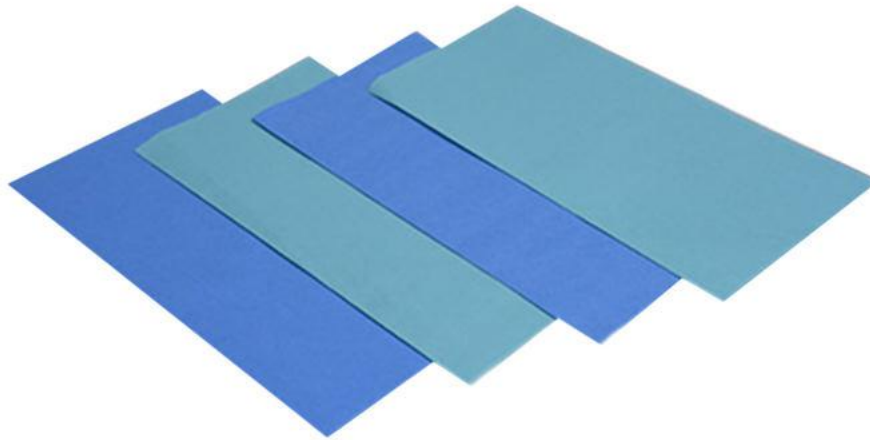
Sterilization packaging is a critical aspect of the sterilization process for medical equipment and instruments.

It involves the use of special packaging materials and techniques to maintain the sterility of the equipment after it has been sterilized.

The packaging must be able to protect the equipment from contamination during storage and transportation, while also allowing for easy identification and retrieval when needed.

Sterilization packaging should be made from materials that are compatible with the sterilization process and are able to withstand the conditions of sterilization.

It is essential to follow industry standards and guidelines when selecting, using, and storing sterilization packaging to ensure that the equipment remains sterile until it is ready for use.



Medical Crepe Paper

STERI SMART Medical Crepe Paper /Sterilization Wrapping Paper

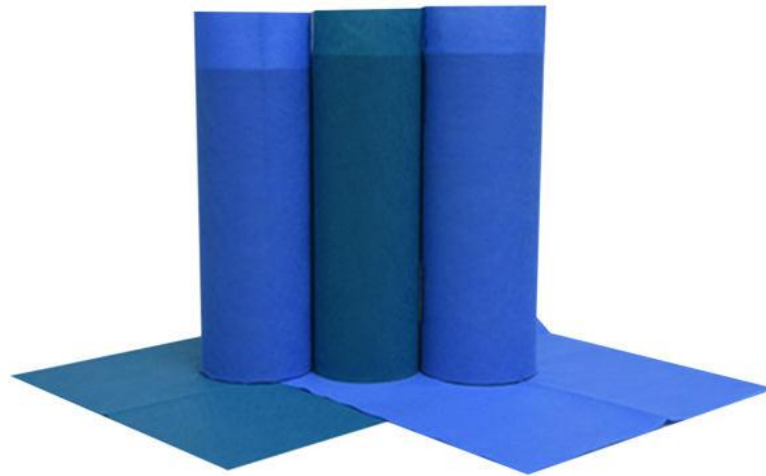
Keeping surgical instruments sterilized is one of the most challenging part of the sterilization process in all CSSDs.

STERI SMART offers a wide range of wraps for different purposes. **STERI SMART** crepe wrapping paper are made of 100% cellulose fibres and can be used as either inner or outer wrapping. Crepe wraps are suitable for steam, ethylene oxide, formaldehyde and radiation sterilizations methods and are a reliable solution for preventing cross contamination with bacteria.

Wrapping papers offered by **STERI SMART** are in compliance with all international standards.

Product Description

- Available in different sizes
- Available in different colors for outer and inner wrapping
- High bacterial filtration efficiency (B.F.E.)
- Proven microbial barrier, Liquid Repellent, Bulk, and Strong.
- Waterproof, No chips, Strong Bacteria Resistance, Meet ISO 11607 and EN 868 Standard.
- Steam (121-134°C), Ethylene Oxide gas and low temperature Formaldehyde and Irradiation



SMMSs Wrap Paper

STERI SMART SMMSs Wrap Paper for Sterilization Packaging

The Packaging of the instruments is one of the most important steps of the sterilization cycle.

These materials must keep the instruments sterilized for a determined period of time. Also the packaging material should be capable to penetrate the sterilization agent (eg. Steam, ETO, Gas, etc.) inside of the pack to sterilize the instruments significantly.

STERI SMART SMMSs (Spunbond | Meltblown | Meltblown | Spunbond | spunbond) wrapping paper consists of four/five non woven polypropylene fabric layers and can be used either as an inner or outer wrapping of medical devices and trays.

The spunbond layers (S) provides a good filtration properties, tensile strength and is also fluid repellent while the meltblown layers (M) ensure strong bacterial barrier properties with very small porous size.

Product Description

- Significant sterile barrier with strong Melt-Blown layers
- Manufactured without any lint
- Disposable single-use wrap
- Memory free (remains open during operation)
- Cost-effective
- Conforms to EN ISO 11607
- Lot number and expiration date for each box



Sterilization Reels

STERI SMART provides an excellent quality of packaging reels for all hospitals and healthcare facilities who're looking for a premium sterilization process.

Sterilization reels look very simple, but in fact they are very complicated products.

Paper part of the reels must have a sufficient strength to keep the instruments inside the bag. Meanwhile they should be able to penetrate sterilization agent and prevent any kind of microorganisms to get in touch with the content. The paper must have the capability to be sealed with the film and stay sealed during and after the sterilization program. Vacuum phase of a sterilization process will tear a weak sealed reel. That's why it is important that the reels have a strong sealing capability. The paper must be lint free and easy to open for operation.

Product Description

- Tear resistance
- Durability
- Breath-ability
- Superior microbial barrier
- Compatible with all of the most commonly used sterilization methods except H₂O₂ Gas Plasma
- Enhanced microbial barrier protection
- Heavy duty
- Easy to use
- Conforms to EN ISO 11607



Cleaning Monitoring

Monitoring the process of washing surgical instruments is essential to ensure that they are free from contaminants before they are sterilized.

The monitoring process involves using physical and chemical indicators to assess the efficacy of the washing process.

Physical indicators, such as visual inspection and touch inspection, are used to confirm that the instruments have been properly cleaned and have no visible debris or residue.

Chemical indicators, such as pH strips, are used to measure the effectiveness of the cleaning solution and confirm that the instruments have been adequately cleaned.

Regular monitoring of the washing process is critical to prevent the transmission of infectious diseases and ensure patient safety.

Healthcare facilities should have a comprehensive monitoring program that includes regular testing of equipment and processes, using a range of monitoring methods and tools.

It is also essential to adhere to industry standards and guidelines to ensure that all equipment and instruments are properly cleaned and prepared for sterilization.



SST-WT

Washer Disinfectant Cleaning Indicator

STERI SMART Washer Disinfectant Cleaning Efficacy Indicator is a verification test used to monitor the effectiveness of the cleaning process in washer / disinfectors.

It is easy to measure washer efficiency by observing color differences. The indicator placed in the Holder before the procedure will be free of imitation dirt on its surface, which will not allow reading errors at the end of a successful procedure.

Product Description

- Provides easy recording and documentation.
- The surface formulation of the indicator contains proteins, lipids and polysaccharides.
- The wash indicator can be easily inserted into the wash indicator holder.
- Wash Indicator is for single use only.
- Manufactured within the scope of ISO 15883-1 and 15883-5 standards.
- Manufactured in accordance with ISO 9001 and ISO 13485:2016 quality standards.
- 200 pcs per box



SST-WU

Ultrasonic Cleaner Cleaning Efficacy Indicator

STERI SMART Ultrasonic Cleaner Cleaning Efficacy Indicator designed to check Ultrasonic washing device capability of removing soils and residues on instruments.

In hospitals and healthcare facilities, there is a gap of time between using the instruments and re-processing. Usually after the operations, the instruments still contain residual parts of the operation, such as blood and tissue of the patient. The dried residue is very hard to remove. By using the Ultrasonic washing machine, it's necessary to verify the washing quality by simulating the hard soils.

STERI SMART indicator has a strong simulated soil and used by a stainless steel holder and put in a challenging place of the Ultrasonic machine in order to confirm visually if the Ultrasonic washing device is working properly.

Product Description

- Easy to use
- Significantly soil visual detection in a proper Ultrasonic washing cycle
- Supplied by durable metal holder
- Disposable single-use indicator
- Cost-effective
- Lot number and expiration date for each indicator
- 200 pcs per box



SST-TPS100

Protein Residue Test

STERI SMART PRO – TEST TPS 100 for detecting residual protein on surfaces. Designed to detect proteins on surfaces of surgical equipment after the cleaning process and in hard to reach areas.

Hygiene Systems were designed to check cleanliness of surgical by detecting protein residues after an improper cleaning.

The systems have a high absorption swab, allowing the collection of samples from different surfaces with the same efficacy.

The systems are compatible with cleaning verification of endoscopes and other reusable instruments with hard to reach internal channels or cannulated instruments.

For this, use the special endoscope swabs, which may be introduced through the biopsy channel of the endoscope to sample contaminants left after the cleaning process.

A visual color change indicates the presence of detectable levels of protein.

Product Description

PACKAGING : 60 Test With 60 Swap & Sterile Distilled Water Spray

REGULATIONS : ISO 13485 , EN ISO 15883-1-5

SENSITIVITY : Detects Protein Residues within 1 µg Sensitivity

RESULT TIME : within 10 seconds and Clear colour change

FOR USE WITH: ENDOSCOPES - WD /ULTRASONIC SURFACES
SURGICAL INSTRUMENTS



Container seal

SST-CS200

STERI SMART Container seals With or Without Indicator

In order to secure the container for opening by un-authorized staff the container seals are offering an important shackle in the quality management chain.

Prevents opening by un-authorized staff.

Only by breaking the seal the container can be opened.

A check at the OR for broken seals is guaranteeing the sterility of materials from the moment of sterilization till the actual use.

Product Description

- Produced in polypropylene , softening above 150°C.
- Suitable for steam sterilization processes.
- Fulfilling EN 868 part 8 section 4.2.3
- Can be fully recycled
- Steam indicator conform to ISO 11140 - Type 1
- Clear color transition of the indicator (Pink - Black)
- 200 pcs per box



SST-TBI100

Multi - Function Dry Bath Incubator for CSSD

STERI SMART Multi - Function Dry Bath Incubator for CSSD

For all type of sterilization methods Multi-Function CSSD Incubator SST-TBI 100 is designed for a reliable incubation.

Large touch screen with strong and practical programming are user-friendly and simple.

Thanks to its large display, the operator can control time and temperature.

STERI SMART Incubator has a fourth free option which gives the operator the opportunity to customize this for any other/future applications.

This electronic dry bath incubator is used to incubate self-contained biological indicators.(SCBIs). SCBIs are used to test STEAM , ETHYLENE OXIDE , FORMALDEHYDE and HYDROGEN PEROXIDE / PLASMA sterilization processes.

After the incubation period the colour of the PH indicator shows the result of the media. An external microbiological laboratory is not needed.

Therefore, the results are available much faster.

Product Description

- Article number:SST-TBI 100
- Large touch screen with strong and practical
- Easy to use, programmable
- Available with external thermometer
- 24 Months Warranty & 120 Months After - Sales Service



Ref.#	Description	Quantity
C-1001	STEAM 3 line Documentation Label 600 pcs of Roll (26 mm x 28 mm)	12 Rolls per box
C-1002	ETO 3 line Documentation Label 600 pcs of Roll (26 mm x 28 mm)	12 Rolls per box
C-1003	VH2O2 3 line Documentation Label 400 pcs of Roll (26 mm x 28 mm)	12 Rolls per box

Three line label and Labeling Machine

STERI SMART three line label is designed for documentation of each CSSD package.

After sterilization, thanks to the two adhesive layers, the operator is able to use sterilized package in the operating room and restore the package and patient data.

Labels are served by a durable Three Line Labeling Machine .Temperature resistant and lead free Labels are served by a durable three line labeling machine, which is produced by Avery Dennison.

Once a proper sterilization cycle has been completed, the operator is then able to determine a significant color change in the package label.

We supply three line labels for STEAM , ETO and Gas Plasma VH2O2

Product Description

- Each roll consist of 600 - 400 labels
- ISO 11140 -1 Type 1 Compliant
- Does not require hazardous waste disposal
- Significant color change
- Manufactured without any lead or other heavy metals
- It comes with a user-friendly label gun machine (optional)
- Two layers Back Adhesive indicator label can be kept for a permanent record
- Cost-effective



Silicon Spray for autoclave SST-SSA

STERI SMART Silicon Spray for Autoclave Gasket is used for the maintenance of the autoclave device's cover gasket and cover, not to stick, not to rust, and to easily separate the cover and the gasket from each other.

When it is squeezed onto the gasket, it creates a thin silicone layer on the surface, increasing the lubricity and preventing the gasket from breaking and cracking in the long run.

Protects the device and its cover against moisture.

Product Description

- The antistatic lubricant feature on the squeezed surface is long lasting.
- shows high resistance against water.
- is suitable for all brands of autoclaves.
- is colorless and transparent.
- 20 pcs per box

STERI SMART
SEAL CHECK INDICATOR

LOT: 20230201 MAN: 2023-02
REF: SST-SCT EXP: 2027-02

SEALING MACHINE : OPERATOR: TEMPERATURE:

DATE: PRESSURE: RESULT:
FAIL PASS

NOTES :

Seal Test

SST-SCT

STERI SMART Seal Test for Rotary for Sealers

Seal Test Strips are designed to accurately test the quality of the sealing and provide evidence of validation.

The seal test confirms that all 3 parameters of the heat sealer process, namely the temperature, pressure and time are functioning correctly to ensure the efficient and secure sealing of sterilisation pouches and reels.

Product Description

- Authentication of seal integrity
- Documentary evidence for future internal and external audits
- Easily identifiable if one of the heat seal parameters is not functioning correctly
- Reduced wastage of pouches and reels
- Easy to use
- Manufactured under BS EN ISO 9001:2015 and BS EN ISO 13485:2016
- Conforms to ISO11607-2:201
- 500 pcs per box

**A Step Ahead
CSSD Products**

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