

Solutions to assure safety
in Health Care Facilities



CATALOGUE

Perfection into every detail

Development, production and sales of

- Sterilization & monitoring products
- Documentation & traceability products
- Capital equipment products
- Heat sealers
- Instrument Care Products
- Sterile Barrier Products

Let's work together
to create a better future

Process Indicators



Double adhesive labels TYPE 1

Automatic record system labels have been designed to monitor Ethylene Oxide , Steam , Dry Heat. Plasma or Vaporized Hydrogen Peroxide and Formaldehyde sterilization processes. These self-adhesive labels are used in the outer part of the sterilization packs, stuck to packages or pouches, allowing differentiation between processed and unprocessed items. Their double-adhesive technology allows easy label removal from the sterilization package for data documentation.

Label Gun

Three Line Labeler is a Three-line Automatic Labeler that allows a quick and easy labelling of sterilization packages through the use of special documentation labels. The labeler has three printing lines of twelve alphanumeric digits per line.



Tapes TYPE 1



SRS Self-adhesive tapes have been designed to wrap and seal sterilization packages as well as to distinguish between items that have been exposed to sterilization processes from those that have not.

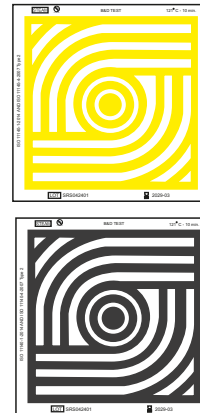


Bowie-Dick Test Packs

Bowie-Dick Test Pack SRSBD10/SRSBD16

SRS Bowie-Dick Test Pack was developed to control air removal and steam penetration performance in vacuum-assisted steam sterilizers. They are single-use devices that consist of a lead free chemical indicator, BD Test Sheet, placed between porous sheets of paper, wrapped with crepe paper, with a Steam indicator label on the top of the package. Product BD10/BD16 also has a Warning Sheet which contains a circular lead free chemical indicator, thus allowing an early detection of air removal failures before they appear on the central chemical indicator.

SRSBD is for 10 min at 121°C Temperature and SRSBD16 for 16.9 Min at 121°C and 3.5 min at 134°C Temperature



BOWIE DICK TEST SHEET		
STEAM 134°C-3.5 MIN & 121°C-15 MIN ISO 11140-3 COLOR CHANGE FROM YELLOW TO BLACK		
REF: SRSBDA4	BATCH: SRSBDA40724	MFG: 07-2024 EXP: 06-2028
		
HOSPITAL:	DEPARTMENT:	DATE:
STERILIZER:	CYCLE:	RESULT:
OPERATOR:	SUPERVISOR:	

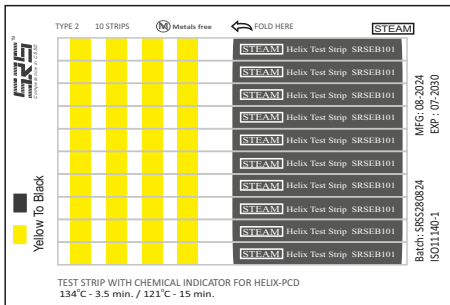
Bowie-Dick Test Cards SRSBDA4

SRS Bowie-Dick Test Card has been designed to monitor the effectiveness of air removal in vacuum-assisted steam sterilizers at 132 °C, 4 min and at 134 °C, 3.5 minutes. SRS Bowie-Dick Test Card consists of a Type 2 metal free chemical indicator printed on one side of the card. Chemical indicator changes from purple to green when processed. Non-uniform color change indicates presence of an air pocket during the sterilization cycle thus indicating sterilizer malfunction.

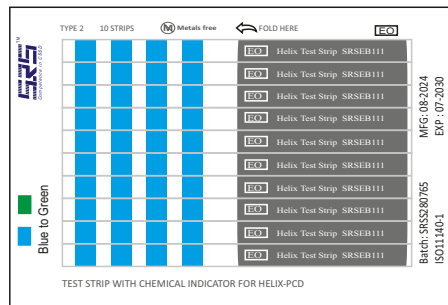
Helix Indicators

Helix Indicators for Steam, EO & VH2O2

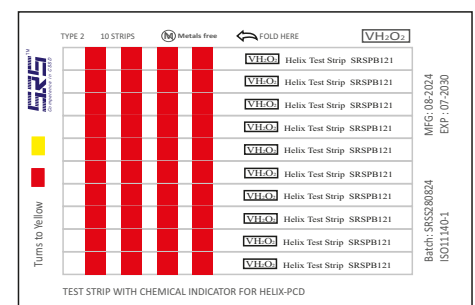
Steam Sterilization



EO Sterilization



VH2O2 Sterilization



Chemical Indicator Test strips for use in Helix-PCD System. Load release. ISO 11140-1 Type 2 Varnished self-adhesive strips printed with indicator ink for Steam sterilization processes. Metals free 3,5 min.134° C. Turns from Yellow to Black. ISO 11140-1 Type 2. Chemical strips (Type 2 Chemical Indicator according to ISO 11140-1:2014) for use with Helix-PCD in the control of steam sterilization processes. Indicators are 100% free of toxic heavy metals.

ISO 11140-1 Type 2 Varnished self-adhesive strips printed with indicator ink for Ethylene Oxide sterilization processes. Metals free . Turns from Blue to Green. ISO 11140-1 Type 2. Chemical strips (Type 2 Chemical Indicator according to ISO 11140-1:2014) for use with Helix-PCD in the control of EO sterilization processes. Indicators are 100% free of toxic heavy metals. Control of Ethylene Oxide (EO) sterilization processes. Conditions: 600 mg/l EO, RH 60%, 30 °C, 30 minutes // 600 mg/l EO, RH 60%, 54 °C, 20 minutes.

Chemical Indicator Test strips for use in Helix-PCD System. Load release. ISO 11140-1 Type 2 Varnished self-adhesive strips printed with indicator ink for Vaporized Hydrogen peroxide (VH2O2)sterilization processes. Metals free . Turns from Red to Yellow. ISO 11140-1 Type 2. Chemical strips (Type 2 Chemical Indicator according to ISO 11140-1:2014) for use with Helix-PCD in the control of VH2O2 sterilization processes. Indicators are 100% free of toxic heavy metals.

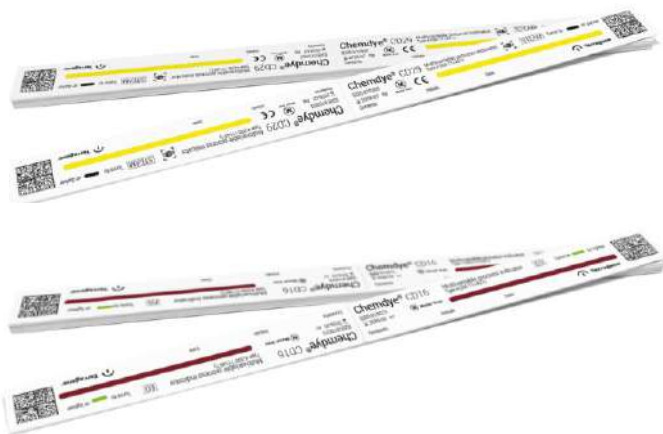
Multivariable Indicators

TYPE 4

Multi-variable Chemical Indicator printed with reactive ink for Steam sterilization processes
Multi variable Process Indicators (Type 4 according to ISO 11140-1:2014 standard) are single-use chemical indicators that consist of one-side laminated punched paper strips printed with indicator ink. These indicators have been designed to monitor Steam sterilization processes within loads, ensuring an adequate exposure to the sterilizing agent during the sterilization process and allowing to distinguish between processed and unprocessed items.

Characteristics

Indicator in compliance with EN ISO 11140-1, type 4
Laminated indicator prevents any interaction with ink
100 % Toxic Heavy Metal free.



STEAM	Steam Indicator Type 4	REF: SRSS0104	LOT: SRS40823
	134°C - 3.5 min 121°C - 15 min	MFG: 08/2023	EXP: 07/2028
REFERENCE	ISO 11140-1 TYPE 4		

EO	EO Indicator Type 4	REF: SRSSC130	LOT: SRS40823
	134°C - 3.5 min 121°C - 15 min	MFG: 08/2023	EXP: 07/2028
REFERENCE	ISO 11140-1 TYPE 4		

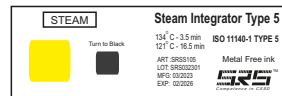
VH2O2	VH2O2 Indicator Type 4	REF: SRSSC135	LOT: SRS40823
	134°C - 3.5 min 121°C - 15 min	MFG: 08/2023	EXP: 07/2028
REFERENCE	ISO 11140-1 TYPE 4		

Chemdyne® CD40 Multivariable process indicator Type 4 (ISO 11140-1)	VH2O2		Gas Plasma H_2O_2	Turns to or lighter
ISO B10040 2026-02 R6				

	Turns to or lighter	Chemdyne® CD30 TYPE 4 (ISO 11140-1) 180 °C, 40 min, 180 °C, 20 min. ISO CD30201120 2025-11 R5	DRY		
		Metal free			

Integrator Indicators

Unique point Integrator TYPE 5



It was developed for verification of Steam sterilization cycles between 121 °C and 135 °C. These products ensure an adequate control of the effectiveness of sterilization processes (temperature, time, steam quality).

The accepted final color is reached when a theoretical spore population reaches its kill time, indicating integration condition has been reached.

IT12 EO Two level Integrator TYPE 5



It was developed to control Ethylene Oxide sterilization processes. It is a two-level indicator: Level 1 is the exposure level, which indicates exposure to Ethylene Oxide, while Level 2 is the integration level. This second level consists of a purple/brown ink dot that turns to green as it integrates all critical parameters of the sterilization process (time, temperature, humidity and Ethylene Oxide concentration). This indicator mimics the death curve of a theoretical *Bacillus atrophaeus* spore population.



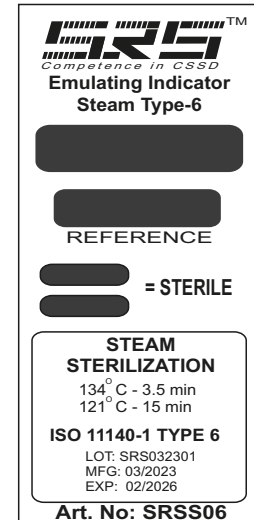
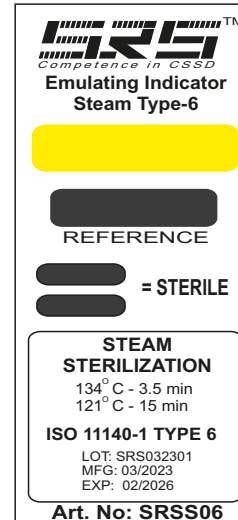
IT26-C with and without extender Moving front Integrator TYPE 5

It was developed for monitoring Steam sterilization processes between 118 °C and 138 °C and to ensure an adequate control of the effectiveness of sterilization processes by monitoring all critical parameters of steam sterilization (temperature, time, steam quality). Chemical pellet melts and migrates as a dark bar along the paper wick. Migration occurs through a zone marked as accept or reject, thus indicating whether sterilization conditions were met or not. The accept result is reached when a theoretical spore population reaches its kill time, indicating integration condition has been reached.

Emulators for Steam

TYPE 6

Designed for monitoring Steam sterilization processes. They fulfil the requirements for Type 6 indicators monitoring all the critical parameters of the sterilization process at their position in the chamber, and ensuring an adequate control of the efficacy of the sterilization processes (temperature, time, steam quality).



Characteristics

Type 6 Emulating Indicator (according to ISO 11140-1).

One-side-laminated strips printed with indicator ink.

Self Adhesive

Size: 20 mm x 60 mm.

Initial color: yellow.

Final color: black.

100 % Toxic Heavy Metal free.

Conventional Biological Indicators



Bionova® Conventional SCBI

IC10/20

Biological indicators are the only internationally accepted indicators that provide a direct measure of a sterilization cycle lethality.

By using Bionova® Dual Incubator, Bionova® Conventional SCBIs produce visible results within 24 h (Steam, VH2O2) or 48 h (Ethylene Oxide, Formaldehyde and Dry Heat).





The first Instant Biological Monitoring System

Photon System

It is composed of a Self-Contained Biological Indicator with Instant Readout based on fluorescence technology and a dedicated fluorescence Auto-reader. It is designed for monitoring vacuum assisted and gravity air-displacement steam sterilization processes.

Bionova® Photon Instant Auto-reader has been designed for the incubation and automatic readout of Photon Bionova® Self-contained Biological Indicator (BT225).



100% Biological

The first and only 100% biological instantaneous monitoring system for steam sterilization processes.



Compact design

Allows to operate quickly, in tight spaces and without problems.



Easy & immediate

In their two positions it automatically detects the Photon BI and delivers a readout result after a few seconds using advanced fluorescence techniques.



STEAM



USB, Wi-Fi & Bluetooth®

The electronic tickets created can be accessed using compatible devices like smartphones. Record keeping through Bionova ® Cloud Reading and Traceability software.

The fastest VH2O2 Sterilization Process Monitoring System



Hyper System

It is composed of a Self-Contained Biological Indicator with a 5 minute readout time based on fluorescence technology and a dedicated fluorescence Auto-reader. It is designed for monitoring plasma or vaporized Hydrogen Peroxide sterilization processes.

Bionova® Hyper Auto-reader has been designed for the incubation and automatic readout of Hyper Bionova® Self-contained Biological Indicators (BT98).



100% Biological

The fastest 100% biological monitoring system for plasma or vaporized Hydrogen Peroxide sterilization.



Compact design

Allows to operate quickly, in tight spaces and without problems.



Easy & hyper rapid

In their two positions it automatically detects the SCBI and delivers a readout result after 5 minutes using advanced fluorescence techniques.

 **5'**
Hyper Rapid
Readout



VH2O2



USB, Wi-Fi & Bluetooth®

The electronic tickets created can be accessed using compatible devices like smartphones. Record keeping through Bionova® Cloud Reading and Traceability software.

Ultra Rapid, Super Rapid & Rapids Biological Indicators

Their innovative technology allows you to get reliable results in record time and speed up your workflow.

With increasing demands for faster sterile instruments turnaround in healthcare facilities, sterilization results need to be available as soon as possible to verify the sterility of the load. To fulfil these needs, Terragene® offers a broad portfolio of fluorescence biological indicators for sterilization monitoring.

- BT224, BT222 and BT220 for Steam.
- BT96 and BT95 for VH2O2.
- BT102 for Formaldehyde.
- BT110 for Ethylene Oxide.

Instant	Hyper Rapid	Ultra Rapid	Super Rapids		Rapids			
INSTANT	5'	20'	30'	1 h	2 h	2 h	3 h	4 h
								
STEAM BT225	VH2O2 BT98	STEAM BT224	VH2O2 BT96	STEAM BT222	VH2O2 BT95	FORM BT102	STEAM BT220	EO BT110

Bionova® are FDA Cleared.

Fluorescence-based Process Challenge Device for Steam Sterilization



Steam PCDs

Process Challenge Devices are designed to simulate a biological indicator (BI) placed in a large hospital pack and emulate the 16 towel pack PCD described in AAMI-ST79. Bionova® PCD pre-assembled disposable test packs consists of a SCBI, a Type 5 Integrator Indicator and a self-adhesive Record Card, held within a stack of porous cards that poses resistance to steam penetration. The whole ensemble is contained within a cardboard box with a Type 1 Process Indicator that changes color when exposed to steam.



KPCD225-2
UNPROCESSED

-  NEGATIVE
-  POSITIVE
- 



KPCD225-C
UNPROCESSED

REJECTED

ACCEPT

Code	Readout	SCBI
KPCD220-2	3 hs at 60 °C	BT220
KPCD220-C	3 hs at 60 °C	BT220
KPCD222-2	1 hour at 60 °C	BT222
KPCD222-C	1 hour at 60 °C	BT222
KPCD224-2	20 min. at 60 °C	BT224
KPCD224-C	20 min. at 60 °C	BT224
KPCD225-2	7 sec. at 60 °C	BT225
KPCD225-C	7 sec. at 60 °C	BT225



Compact Fluorescence Auto-reader

for Rapid, Super Rapid & Ultra Rapid Biological Indicators



MINIBIO



Touchscreen

Bionova® IC10/20FRLCD has a 3,5" LCD touchscreen.



Automatic readout

Bionova® IC10/20FRLCD automatically reads the results of the incubation, displaying icons corresponding to each BI position when the final result is obtained.



Diferent reading programs

Bionova® IC10/20FR allows to simultaneously incubate biological indicators with diferent incubation times.



IC10/20FRLCD



Temperature calibration

The device has an opening on its side to insert a thermometer, which allows temperature calibration control.



IC10/20FR



No maintenance required

The device does not need any kind of routine maintenance.

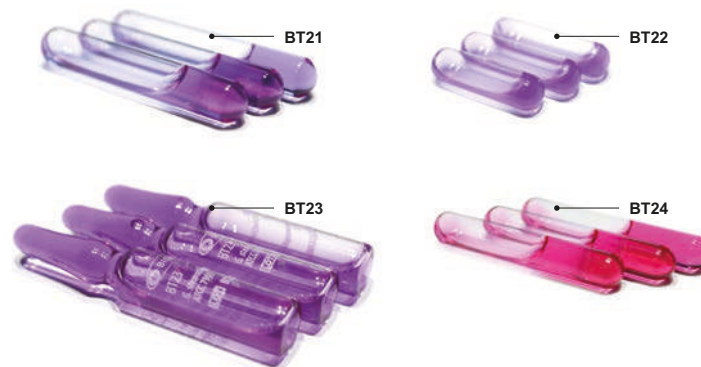
Steam Sterilization Spore Ampoules

BT21 | BT22 | BT23 | BT24

Bionova® Spore Ampoules are self-contained biological indicators for monitoring steam sterilization processes of liquid loads. Consists of different volumes of culture medium inoculated with a specific spores population: *Geobacillus stearothermophilus* ATCC 7953 (BT21, BT22 and BT23) and *Bacillus subtilis* DSM 5230 ATCC 35021 (BT24) within an hermetically sealed borosilicate glass. The culture medium is specially formulated to turn to yellow when spores grow. Bionova® spores ampoules provide visual confirmation of sterilization within 48 hs of incubation at 60 °C (BT21, BT22, BT23) or 37 °C (BT24).

Advantages

- ✓ Easy to use and interpret.
- ✓ Does not require activation.
- ✓ Evidence of growth with direct visual confirmation.
- ✓ For liquid load sterilization monitoring.
- ✓ Available in packages refrigerated at 4 - 8 °C, includes negative controls.



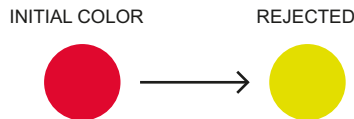
Code	Conditions	Sterilization
BT21 BT22 BT23	121-134 °C	Steam
BT24	110-121 °C	Steam

Spore Strips, Spore Ampoule & Culture Medium



Bionova® Spore Strips consists of an envelope, permeable to the sterilizing agent, containing a paper strip inoculated with a spore population. BT31 BI consist of a sand type carrier with specific spores inside of a glass ampoule designed to monitor very high temperature dry heat sterilization processes.

After exposure to the sterilization process, strips and BT31 ampoule content are aseptically transferred to the culture media tube and incubated in the Bionova® Dual Incubator according to the specific conditions. If sterilization has failed, culture medium will show a significant color change. Conversely, if the sterilization process has been successful, the culture medium will remain its original color.



Code	Use	Spore	Compatible Culture Media	Conditions
BT40	EO DRY	Bacillus atrophaeus	MC1020 MC1030	48 hs at 37 °C
BT50	STEAM FORM	Geobacillus stearothermophilus	MC20 MC1020	24 hs at 60 °C 48 hs at 60 °C
BT60	EO DRY STEAM	Geobacillus stearothermophilus and Bacillus atrophaeus	MC20 MC1020 MC1030	24 hs at 60 °C 48 hs at 37 °C
BT31	DRY	Bacillus atrophaeus	MC1030	72 hs at 37 °C

Protein-based quantitative Hygiene Monitoring System

PRO1 MICRO

Terragene® has developed the Chemdye® Pro1 Micro Hygiene Monitoring System which not only detects but also quantifies proteins, allergens and reducing agents on the surfaces of instruments, after the cleaning and disinfection process. The system consists of a pen that has a high absorption swab and two separate reactive solutions contained within the same device. After taking the sample from the selected surface, the swab is returned to the pen, activated and the result is then obtained at 15 minutes of incubation at 60 °C (using Bionova® IC10/20FR and IC10/20FRLCD) or 4 minutes at 60 °C (in Bionova® MiniPro Auto-Reader). By its given final quantitative result, it is possible to determine whether reprocessing and/or retesting of the tested surface is necessary. Chemdye® Pro1 Micro system can obtain a quantitative result with a sensitivity of 0.3 µg.

Advantages

- ✓ Unique absolute total protein quantification system.
- ✓ High sensitivity.
- ✓ Rapid test results in 4 minutes.



 4'
Ultra Rapid Readout

- ✓ Alternatively provides qualitative data. Comparison of the final color against a color pattern included within the device allows estimation of cleanliness.
- ✓ It does not require handling dangerous chemical substances in specialized laboratories.
- ✓ Quick results that allow taking immediate remedial action and avoiding healthcare-acquired infections.
- ✓ Manufactured under ISO 15883-1 standard and follow recommendations set in the HTM01-05 and HTM 01-01 guidelines.
- ✓ Traceability with Bionova® Cloud Software according to the HTM 01-01 guidelines.



Indicators for Cleaning monitoring



Chemdye® Splat

Chemdye® Splat indicators consist of a synthetic support, which is stable at disinfection temperatures. Each indicator contains a mixture of specially combined colored organic components. Splat indicators formulation allows monitoring of all factors that affect the cleaning/washing process outcome. Splat indicators can be used for routine monitoring of cleaning/washing processes in washer-disinfectors and ultrasonic washing machines.

Chemdye® Splat CDWA indicators should be used along with Chemdye® Splat CDWAH (washer disinfectors) and CDWAH-U (ultrasonic washing machine) Holders. This accessories can be fixed on the tray, which allows reproducible location of the indicator inside the chamber. Also, CDWAH Holder poses a challenge to the washing process emulating shadowed or occluded surfaces of the instruments to be processed.

Chemdye® Splat CDWA cleaning indicators along with Chemdye® Splat CDWAH and CDWAH-U Holders allow to detect possible failures of a washing cycle.

Indicators for Ultrasonic Cavitation performance test



CDWU

Chemdye® CDWU indicators consists of a transparent vial, with a blue-colored reactive solution and glass beads immersed in it. The formulation of the solution contained in the vial allows the monitoring of cavitation capacity of the ultrasonic washer. When cavitation functions properly, vibration of the glass beads triggers a color change in the solution, from blue to yellow, through a range of green color intermediates. The CDWU indicators can be used for routine monitoring of ultrasonic washing machines with different ultrasonic washing configurations. It should be noticed that the CDWU indicators were developed to monitor the cavitation performance of the ultrasonic washing machine with an empty tank, that is, without any load.

Rotary Heat Sealer



F220 PROTEC

The F220 PROTEC series consists of two models: F220DEP and F220DBC.

As opposed to the F110 PROTEC, the F220 PROTEC series is equipped with a graphical LCD-Display, password protection, changeable printing sequence, programming of 4 expiry dates and programming / saving of up to 3.000 texts.

Both models are equipped with a constant parameter control, RS232 communication port and USB connection. An Ethernet connection is available as an option.



F110 PROTEC

The F110 PROTEC series consists of 3 models: F110D, F110DEP-P/USB and F110DBC-P/USB.

The machines* are equipped with parameter control (temperature, transport speed and pressure) and a USB connection.

All models are equipped with an automatic transport start, a reverse transportation feature and a production counter with alarm. Moreover, the F110 PROTEC models are equipped with an integrated internal printer which, depending on the model, can print the packing date, expiry date, codes, texts and barcodes.



F108 PROTEC

The F108 PROTEC series consists of 3 models: F108, F108TX and F108TX-P/USB.

The F108 heat sealer is the basic model of this series.

The F108 TX and F108 TX-P/USB models are equipped with an automatic transport start, a reverse transportation feature and a production counter with alarm. The F108 PROTEC series is not equipped with an internal printer.

The F108TX-P/USB model is additionally equipped with parameter control and a USB connection.

Roll Holder with Cutter



Famos has designed various roll holders including cutting device to create the length of packaging material that is required. The rotary knife of the cutting device is made from the highest quality hardened steel and is self-sharpening which ensures years of maintenance free use.

Famos offers the following types: TS600, TS750 and TS900.

The type number represents both the effective working capacity and the storage capacity of the roll holder. The roll holders are equipped with nylon bearings which makes it a lot easier to unroll the reels. Furthermore, an extension can be added which doubles the storage capacity of the holder.

All roll holders are available in two versions:

- Table model which can also be attached to the wall (only applicable for roll holders without extension).
- Model which can be hung onto an upright partition of a packing table or workstation.

Seal Test

Push Dye Test

SEAL TEST

- For daily testing of sealing seam according to ISO 11607-2



ISO11607-2 (Validation requirements for forming, sealing and assembly processes), requires Operational Qualification (OQ) of packaging devices to be carried out and documented.

- Suitable for laminate packaging material
- Contains fields to document various information such as sealer number, location, date, approval and signature
- Easy documentation with matching folder (optional)

PUSH INDICATOR DYE TEST

- For daily testing of sealing seam according to ISO 111607-1



The push indicator dye test can be used for both laminate and Tyvek packaging material.

The push indicator dye test uses ink to test the quality of the seal. In contrary to many other ink tests that are available in the market, the Famos push indicator dye test does not use any pipettes or other objects, so it will not damage the seal.

- Suitable for both laminate and Tyvek packaging material
- Ink test
- No pipettes or other objects required
- Packed in an aluminum package which protects the ink from light influences

Spray Gun for Water and Air

Tape Dispenser



The spray gun supplied by Famos bv is the ideal instrument for cleaning laboratory glassware, pipettes, syringes, catheters, cuvettes, endoscopes, cystoscopes, cannulae and a variety of other instruments and articles used in clinics, laboratories, and medical practices-in other words, everywhere highest cleanliness and hygiene are mandatory.

- The spray gun is incredibly easy to use
- The spray gun uses either water or pressurised air, which means the cleaning process is quick, efficient and inexpensive
- Heat insulated grip



- Extra weight in the bottom to guarantee a stable working platform
- A heavy stand with or without elevation is available as an option for when a heavier tape dispenser is required
- Protection cap to protect the knife when not in use
- For 1 roll of up to 25 mm wide
- For 2 rolls of up to 25 mm wide
- For 3 rolls of up to 25 mm wide

Detro[®] Enzym

Enzymatic Cleaner for Medical Instruments and Endoscopes



USAGE AREAS

Provides pre-cleaning for medical devices and endoscopes and all kinds of surgical instruments. Cleans the organic contaminations like blood, oil, protein, starch on surfaces. Solves remnants on instruments thanks to enzymes and so, it provides more effective cleaning. It is compatible with materials like glass, rubber, wood, ceramic, silicone, plastic and stainless steel.

PRODUCT PROPERTIES

- Reduces microbial load of instruments by cleaning organic soil.
- Reduces corrosion risk of instruments by cleaning inorganic soil.
- Suitable for manual and ultrasonic use and endoscope washing machines.
- Effective in 5 minutes manually and in ultrasonic devices.
- Thanks to its 4 enzyme content, it removes residues on the instruments and provides more effective cleaning.
- Contains corrosion inhibitor.

USAGE

The product is used by diluting at %0,5 concentration.
Effective in 5 minutes in ultrasonic or manual usage.
Solution life is 24 hours.
At the end of cleaning the instruments are rinsed thoroughly.



COMPOSITION

Enzymes (amilase, protease, lipase, cellulase), glycol, nonionic surfactant, quaternary ammonium compounds, anticorrosive materials

PACKAGE

QUANTITY	PACKING TYPE	BARCODE	CATALOG CODE
2L	6 x BOTTLE	8680097100566	S-M.DET.3.0014
5L	4 x CANISTER	8680097100368	S-M.DET.3.0004

Detro[®] Matic Enzym

Enzymatic Cleaner for Medical Instrument Washing Machines and Manual Use

USAGE AREAS

It is used in automatic washing machines and manually in the process of washing medical instruments, sliders, ducks, sabers made of metal, life, ceramic, porcelain, plastic materials.

PRODUCT PROPERTIES

Compatible with waters at different hardness level.
Excellent cleaning thanks to enzyme content.
It has the ability to clean both acidic and basic residues (blood, urine, etc.).
Contains corrosion inhibitors.
Compatible with every type of washing machines.
Also suitable for manual and ultrasonic use.

USAGE

In washing machines, used at %0,2 - 0,8 (20 - 80 ml product to 10 lt water) concentration,
Manually used at % 1 (10 ml product to 1 lt water) concentration.

“ In order for the product to wash effectively at the correct dose, the device manufacturer's recommendations must be followed.



COMPOSITION

Enzymes (protease, amylase, lipase), anionic surfactant, sequestrants, corrosion inhibitors

PACKAGE

QUANTITY	PACKING TYPE	BARCODE	CATALOG CODE
5L	3 x CANISTER	8680097100627	S-M.DET.3.0021

Akaclean Rust

Rust and Corrosion Remover

USAGE AREAS

It is used for cleaning rust and rust-forming residues on instruments made of stainless steel, laboratory and dentistry materials.

PRODUCT PROPERTIES

Concentrated product.
It is suitable for use on metal materials except coatings.
It is also suitable for use in ultrasonic washing devices.
It prevents staining caused by sterilization steam.
Material compatibility is high.

USAGE

Concentrated product is diluted by 1% with tap water.
Contaminated instruments are placed in the solution.
It is held for the duration of the effect.
It provides an effect in 5 minutes at 1% concentration in ultrasonic washing machines and in 10 minutes at 1% concentration in manual use.

COMPOSITION

Phosphoric acid, complexing agents, corrosion inhibitors

PACKAGE

QUANTITY	PACKING TYPE	BARCODE	CATALOG CODE
 5L	4 x CANISTER	8680097101488	S-M.AKA.3.0004
 2L	6 x BOTTLE	8680097108005	S-M.AKA.3.0006





USAGE AREAS

Used in cleaning and maintenance of surfaces and coatings of all kinds of surgical instruments, preventing the corrosion of flexible parts of endoscopes and surgical instruments, maintenance and lubricating of exhauster heads.

PRODUCT PROPERTIES

Prevents the dirt resulted from high temperature and chemical reaction (such as water vapor stain, betadine and protein stains) to adhere on to the surface of the surgical instrument.

Gives a bright and clean shiny look.

Forms a protective layer that reduces the holding of chemicals like cement, alginate, zinc oxide, carboxylate and phosphate on dental surgical instruments.

Cleans the dirt adhered into the turbine channels of exhauster heads with high pressure air makes them remain greasy even in contact with water.

Does not contain silicone and its derivatives, so does not prevent sterilization.

Contains high-heat (200°C) resistant pharmaceutical paraffin oils.

USAGE

Use in Surgical Hand Instruments:

DETRO LUBE SPRAY is sprayed from a certain distance without the extension hose of the sprayer on the surgical instruments which are cleaned, disinfected, ready for sterilization and spread on a flat surface. Use extension hose, especially for loose parts. After making sure that the spraying is done well, the loose parts are functionally tested and the product is deeply penetrated. Then sterilization process is started.

Use in Endoscopes and Exhauster Heads:

When used for endoscopes and exhauster heads it is sprayed sufficiently directly to the toothed parts and loose parts by attaching the aerosol extension hose to the tip of the spray head. The function test is done and the use of the tools is continued after it is fully

Detro[®] Lube Spray

Lubricant Spray for Surgical Instruments and Air Exhausters



COMPOSITION

Pharmaceutical white paraffin oils, butane, propane.

PACKAGE

QUANTITY	PACKING TYPE	BARCODE	CATALOG CODE
500 ML	12 x PRESSURED CANISTER	8680097104168	S-M.DET.3.0023

Sterilization Flat & Gusseted reels & Tyvek Reels:

Sterilization reels as a packaging solution for sterilization applications, ensure the protection of the medical device against contamination with Bacteria and chemicals from the time of sterilization until use of the sterile medical device. Wide range of standard sizes allows optimum choice of a correct-sized pack for correct-sized pack for each item. ISO & CE Certified

Characteristics:

Superior barrier and quality with 60gsm or 70gsm medical Kraft paper.

Triple band seal creates three independent barriers to contamination, Strong ,
Multi-line seals

Easy recognition of content by the multi-layer transparent film

Printed with Type-1 Process Indicators compliant with ISO 11140-1.

Indicators which are water based , non toxic and give accurate result
for steam and EO Gas.

Strong seal-strength, visible sealing lines.

Non-tearing film avoids tearing at opening the pack

Clean and fibre-free opening of pack

Compatible to STEAM, FORM or EO sterilization by three imprinted indicators

Compliant to standard ISO 11607-1, EN 868 – 2 and ISO 11140

Sizes: Length of 200 Mtrs

55mm, 75mm, 100mm, 125mm, 150mm, 200mm, 250mm, 300mm
350mm, 400mm, 450mm, 500mm

Sizes of Tyvek: Length of 70 Mtrs

75mm, 100mm, 125mm, 150mm, 200mm, 250mm, 300mm
350mm, 400mm, 450mm, 500mm



SMMS Wrap & Crape Paper

Standard Crepe Paper

Crape wraps are suitable for Steam, Ethylene Oxide, H₂O₂ Sterilization methods and are a reliable solution for preventing cross contamination with bacteria. Crape Paper are essential for both Sterility Assurance and Infection Prevention in Its function as sterile barrier for medical devices.

Proven microbial barrier

Comply with EN 868-2

Designed to be used in Steam and EO Sterilization

Crape Paper of 60gsm

Manufactured under BS EN ISO.9001.2008 and BS

EN ISO 13485:2003

Conforms to BS EN ISO11607-1:2006 part 1 and BS

EN 868:2009 part 2



SMS Nonwoven Wrapping Paper

Proven microbial barrier with pore structure

Designed to be used in Plasma Sterilization

Strong and durable

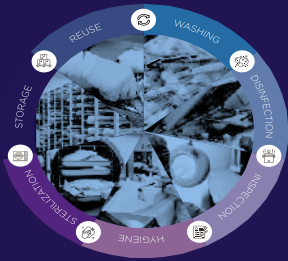
Fluid repellent

Good puncture and tearing resistance

Availability in different sizes



EVERY SPD STAGE
A UNIQUE SYSTEM



SRS®
Competence in CSSD

Let's work together
to create a better future



SRS STERISURE PRIVATE LIMITED

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