MINERVA
Stericlean Limited

Products Brochure

Introduction

Controls

Cleaning

Tags & Labels

Trays, Baskets & Storage

Instrument Protection & PPE

Indicators

MINERVA
Stericlean Limited

About Us

Established in 2016, Minerva Stericlean is a family run business derived from established, tried and tested experience in the sterile packaging and barrier market, with a strong and determined work ethic to ensure customer satisfaction & personal attention.

We are the UK's authorised distributor of the Pereg range of cleaning efficacy controls which each carry EN ISO certification to ensure confident ordering, authenticity and traceability.

The company is supported directly by Famos NL in Europe and Healthmark Industries in the USA, with industry leading expertise, products with ISO certification, cutting edge product development, innovative design and personal training.

We have an excellent distribution network, bolstered by the professionalism & reliability of Healthmark & Famos as well as being ideally located in the South West of the UK with easy and rapid links to the M4 and M5 motorways.
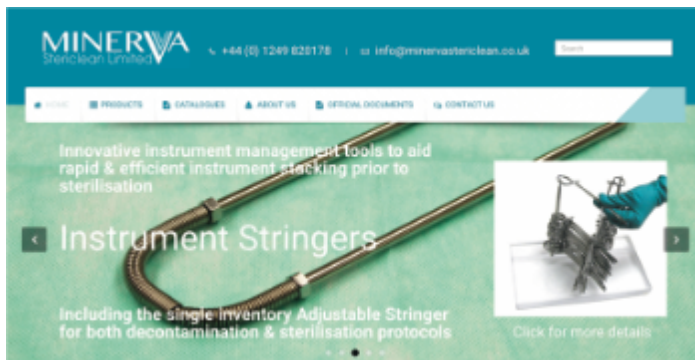
Our website at www.minervastericlean.co.uk is based upon the principle of easily located and identified products, together with simple product ordering information.

In addition to which we have a growing database of go-to support material pertinent to each product, all accessible from within the product pages.

MINERVA Stericlean Limited — PRODUCT CODES

ADJUSTABLE INSTRUMENT STRINGER

Code	Description	Length (in)	Span (in)	Packed
AJS8	Adjustable Stringer	8.00	2.5 - 5.5	1
AJS13	Adjustable Stringer	13.00	2.5 - 5.6	1
AJS17	Adjustable Stringer	17.00	2.5 - 5.7	1

PRODUCT DOCUMENTATION

- Product Memo
- Instructions for Use
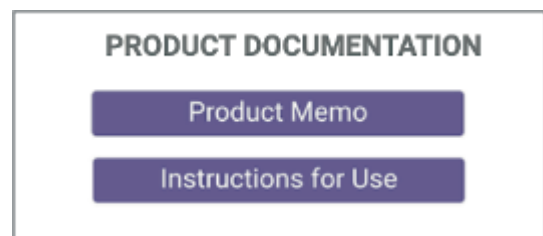
We also offer free consultations, on line support and free call back facilities to ensure rapid, personal and cost effective lines of communication & assistance.

Support Material

Our product support material is constantly expanding and developing.

Ranging from Product Memos which simply describe the benefits of the products, to "Instruction for Use" memos (IFU's) which are an easy-to-use guide on best practise and care.

All accessible as pdfs on the product pages of the website.

To make product location & identification as easy as possible we have created a number of main product categories which are now colour co-ordinated with matching branding on all of our support material.

In association with Healthmark Industries USA, Minerva hosts its own YouTube channel. Providing SSDs & CSSDs with readily available information and training material.

These videos can be accessed directly & individually from the relevant product pages on the Minerva Stericlean website, or collectively by accessing the Minerva Stericlean channel on YouTube.

Wherever you seen the YouTube logo, you'll know that there's video material available for a product and its associated uses.

TOSI

Wash monitoring & functionality complying with EN ISO 15883

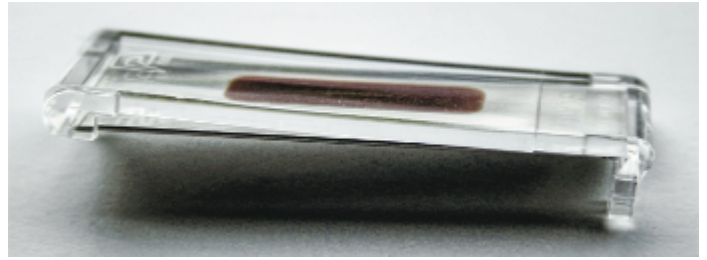The TOSI (Test Object Surgical Instrument) is a test object for monitoring the cleaning efficiency of washer-disinfectors as well as for reprocessing of surgical instruments in washer-disinfectors.

The etched stainless steel plate and graduated perspex cover duplicate a variety of surgical instruments, with the test soil correlating to human blood (complying with EN ISO 15883) without the associated hazards.

The TOSI is simple and easy to deploy, detecting residue down to the microgram scale and delivering an objective and rapid visual check of the machine's operational effectiveness.
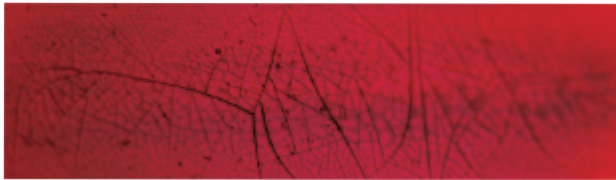
Product code 11100-12

TOSI & SonoCheck videos available on the Minerva Stericlean channel

SonoCheck

A pre-prepared & self contained cavitation test for ultrasonic cleaners

The SonoCheck consists of a small vial containing an indicator solution & a quantity of glass nuclei beads which, when subjected to the correct cavitation forces within an Ultrasonic washer, induce a colour change in the vial solution.

The vials are unobtrusive and easily placed, testing the efficiency of the transducers during the wash process and providing rapid objective results.

The SonoCheck is so cleverly designed that testing can also take place during live wash scenarios.

Product Code 30550-30

HydroCheck - E

Testing for residual water in flexible endoscopes channels

The Hydrocheck-E is a simple to use, frictionless, pre-prepared swab test for checking that flexible endoscope channels are truly dry.

The test is conducted by passing the highly absorbent cotton swab through the channel and then placing the swab into the Hydrocheck-E test vial.

The presence of the smallest amount of moisture on the swab will produce a purple dot on the swab surface and if large amounts of moisture are detected the entire vial solution can change colour.

With a detection limit as low as 0.05 µl & producing immediate test results, the Hydrocheck-E provides confidence in your flexible endoscope re-processing regime.

Available in 1.7, 2.8 & 3.8 mm swab sizes

Product Code 77080 - 06 A,B,C

HemoCheck-S

A routine test method for detection of blood on surfaces complying with EN ISO 15883

The HemoCheck-S is a quick and easy way to detect residues post decontamination & pre sterilisation.

This offers assured cleanliness before the risk of residue becomes baked-on during any subsequent sterilisation process.

Using an enzymatic reaction (which is also used in the forensic science field) the HemoCheck-S has the capability to detect protein & blood to a very low level of 0.1 µg, providing results within seconds.

Product Code 67067-12

TOSI FlexiCheck

Routine monitoring of the cleaning efficiency of flexible endoscope washers and detergents.

The TOSI FlexiCheck test is comprehensive with the test plate carrying test soils for blood and polysaccharide to simulate any form of contamination that a flexible endoscope is likely to encounter during service.

The FlexiCheck provides objective results giving simple clear indications regarding the effectiveness of cleaning times, water temperatures, detergent efficiencies and dosing as well as water quality.

To accommodate a wide variety of washer types & wash cycles a selection of FlexiCheck adapters are available to ensure industry wide compatibility.

Product Code 20240-25

You Tube LumCheck videos available on the Minerva Stericlean channel

TOSI LumCheck

Routine monitoring of cleaning efficacy for rigid scope cleaners.

The TOSI LumCheck utilises the test soil and stainless steel plate technology as used in the TOSI.

The test plate is quickly and easily secured within a cannulated stainless steel holder thereby replicating a typical soiled lumen environment. The assembled equipment is then placed within the washer and the wash cycle is run.

With the ability to detect residue well into the microgram range the resultant plate condition post wash is easily analysed to give an indication of washer and detergent effectiveness within cannulated instruments.

Robust & well engineered components together with effective design makes testing with the LumCheck reliable & objective with easy to read results.

Product Code 20100-25

Pyromol

A simple pre-prepared colour change swab test for the detection of protein

The Pyromol test is designed to check for the presence of protein, high levels of which can be detected in blood.

Simply moisten the correct size swab for the channel being tested and then pass the swab through the channel. Then cut the tip off of the swab and place into the vial with the test liquid.

With detection levels are as low as 1µg the presence of any blood will rapidly produce a blue spot on the test piece, indicating the presence of protein.

Product Code 67070-20

Pyromol - E

Pyromol protein detection within flexible endoscopes & cannulated instruments

The same simple reliable & pre-prepared test vials of the standard Pyromol test are here put to use to effectively test the channels of flexible endoscopes for the presence of protein (& effectively blood) post decontamination.

The Pyromol-E test works on the practice of the test swabs being passed entirely through the lumens of the instrument in question, followed by the tip of the swab being cut & placed into the appropriate test vial solution.

Again, the presence of blood or protein causes colour changes within the vial that are easily interpreted & provide such accuracy as to ensure complete confidence when releasing instruments back into service.

The Pyromol - E tests are supplied as a pack of six test vials & six protein-free spun polyester swabs which are available in various sizes of tip (1.7, 2.8, 3.8, and 5.0 mm) & are attached to a long (approx' 2 metres) slender and ultra flexible & robust nylon shaft offering maximum control, manoeuvrability and penetration.

With a detection level as low as 1µg this self contained and pre-prepared test requires no further equipment and delivers rapid, reliable and objective test result.

Product Code 77070-06 A,B,C,D

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The NOW! Test

On site gram negative testing of flexible endoscopes

Modern AER's are effective tools for rendering scopes safe for use on the next patient but determining if the process was effective can be difficult to assess.

The NOW! Test offers rapid turnaround of flexible endoscope reprocessing by providing all the equipment necessary to conduct test analysis on site.
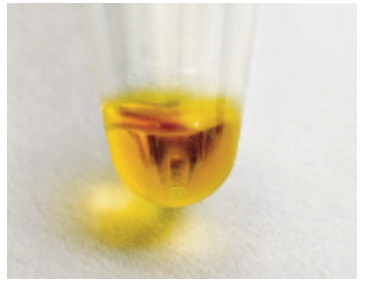
The test utilises a unique enzyme detection method as the easy to read fluorometer checks for the gram negative bacterial growth (<10 cfu) by reading tell-tale fluorescence in the recaptured water.

The gram negative test is simple to carry out in house with results typically available in less than 12 hours, eliminating the need for endoscopes to be dispatched for testing off-site.

NOW! Test videos available on the Minerva Stericlean channel

The NOW! Test is simple and rapid to carry out.

The test vials are pre-prepared.

In addition to the incubator and fluorometer, the kit comes equipped with sterile water vials and syringe and pipette for use in the flushing of the instrument.

The test dramatically reduces endoscope turnaround periods.

The test also eliminates the management of instrument dispatch & return by retaining endoscopes on site.

Product Code NOW 1000 & NOW 1000SK

Endoswabs

Protein-free spun polyester swabs for flexible cleaning & sampling

The protein-free spun polyester heads of these swabs are naturally highly absorbent making them the ideal supplement for use with our control tests such as Pyromol, HemoCheck-E and HydroCheck-E.

Product code 70000 - 10A,B,C,D

The swabs are available in fours sizes of tip (1.7, 2.8, 3.8, and 5.0 mm) & are attached to a long slender and ultra flexible, yet robust, nylon shaft offering maximum control, manoeuvrability and penetration.

EndoBrush videos available on the Minerva Stericlean channel

EndoBrushes

Polypropylene filament & stainless steel core endoscope brushes

Constructed of a twisted frame stainless steel core and polypropylene filaments our comprehensive range of endoscope brushes are versatile & dependable.

The tapered bristle brushes & colonoscope/duendoscope brushes are long enough, small enough and flexible enough to comprehensively reach and clean any flexible endoscope channel.

Endoscope brushes are available with the brush head diameter correlating to the Olympus colour standards for endoscopes, or alternatively as a brush accompanied by a valve brush for cleaning trumpet valves, ports & barrels of laparoscopic instruments.

Product code quote EndoBrush

The Flexible Inspection Scope

Unique & innovative design providing unrivalled visual access to cannulated instruments in previously unattainable detail

The FIS 005 Flexible Inspection Scope from Healthmark sets a new standard in instrument inspection with an incredible 1.9mm distal light source and camera lens located at the end of 110cm super flexible shaft.
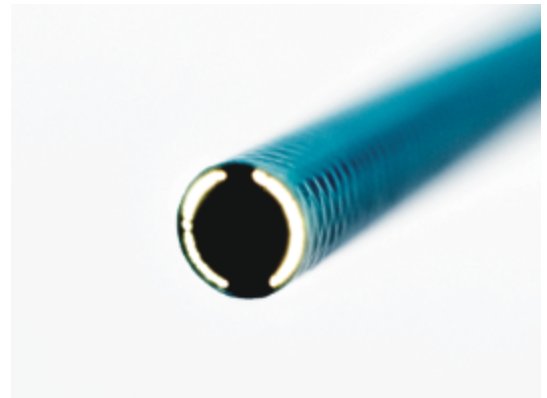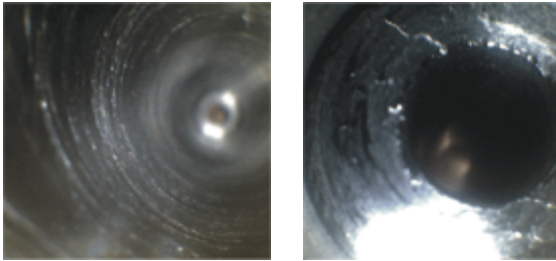
The scope is perfect for obtaining an incredibly intimate visualisation of any potentially soiled instrument or lumen of 2mm or greater.

The camera & flexible shaft are attached to a comfortable, robust & ergonomically designed grip, from which the brightness of the light source, white balance & recording function of video & still image capture can be controlled.

Software is included, which installs on Windows operating systems and facilitates live viewing and image capture. All of which can be saved to file for accountability, training and traceability purposes.

Paired with the FlexibleArm, the Flexible Inspection Scope can be confidently & securely fastened whilst providing optimum manoeuvrability for the operator.

Product Code (FIS FlexiArm) 100657

Stainless Steel
Spray Gun

**Sturdy reliable spray guns & attachments
For air, water & demineralised water**

This spray gun is constructed entirely of stainless steel making it one of the most durable spray guns on the market.

Its' design and construction makes it suitable for use with demineralised water as well as air and is capable of being entirely sterilised ready for use in the operating theatre or the clean room.

The stainless steel spray gun comes equipped with two nozzles, an injection attachment piece, a trigger locking ring, a wall-mount, a hose with stainless steel snap-closing connector, and a coupling protection cover.

Additional optional attachments are also available.

Standard Set Spray Gun

The standard set spray gun is the ideal instrument for cleaning laboratory glassware, pipettes, syringes, catheters, cuvettes, endoscopes, cystoscopes, cannulas and a variety of other instruments and articles used in clinics, laboratories and medical practices.

The spray gun features a new type of internal flow control mechanism which permits the smooth and simple adjustment of the water or air flow across the entire range of the trigger movement. The desired maximum water or air flow can be set by using the small knurled screw located behind the trigger.

Attachments are connected by seating them on the safety cone located at the tip and high pressure cannot disconnect them.

Additional optional attachments are also available.

Instrument Stringers

Simple instrument management tools
to aid easy & rapid loading prior to sterilisation

These instrument stringers have been designed to hold open hinged instruments in an array which ensures correct uniform stacking of instruments within the wash process.

Spring Stringers

Similar to other instrument stringers in functionality, the spring stringer includes a spring male and female end which allows for a secure closing.

These stringers are easy to handle & measure 2.5" wide with lengths ranging in size from 6" to 14" to accommodate various numbers of instruments.
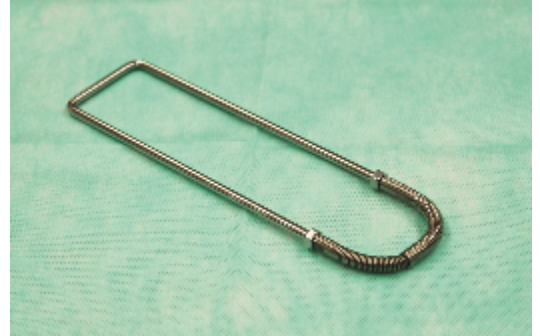
Product code USPRS 6,8,10,12,14

Adjustable Stringer

Stringers used in the preparation of instruments for sterilisation are usually 2" - 3" in width.

Stringers for use in decontamination are typically 5" - 6" in width to maximise the openness of the instruments to the spray action of the washer.

The Adjustable Stringer tool adapts to all sizes of instruments for more effective cleaning of hard to reach areas and can also be adjusted to the optimal width for placement of instruments inside a tray whether for use in the decontamination or the sterilisation processes.

Available in 3 lengths - 8", 13" and 17"

Product code AJS 8,13,17
Product code ES 100,109,112

Easy Stringer Base Unit

The solid plexiglas base is slotted to accept a standard instrument stringer.

To use, place the stringer in the base and string one instrument upon another.

When full close off the stringer, lift it out of the base and place in use.

Available in 6 inch, 9 inch and 12 inch widths (Shown above with the Adjustable Stringer)

TempaCheck Data Logger

Capture, record & log
the complete temperature & thermal
disinfection profile of your
automated instrument washer

TempaChek™-DL data logger is the first affordable device that is capable of independently capturing, logging and recording the complete temperature profile of an automated instrument washer, including thermal disinfection.

The instrument checks disinfection by comparing actual thermal disinfection temperature and time to the target values for your washer. In addition to disinfection, the data logger also provides a complete log of surface temperatures throughout the cleaning cycle.

Use the TempaChek™-DL to monitor a single cycle, recording the temperature every second, or use the data logger all day, to get a complete record of the washers' performance, throughout the day
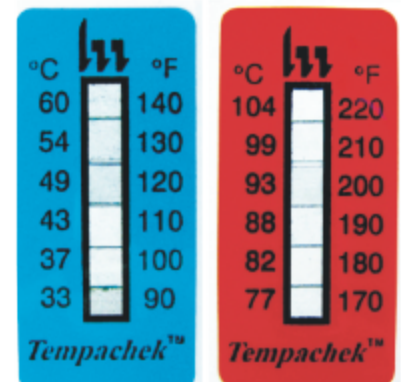
TempaCheck videos available on the Minerva Stericlean channel

TempaCheck

Irreversible thermometers that measure the water temperature of the pre and full wash cycles in automated instrument washers

Water temperature has a crucial impact upon the effectiveness of each wash cycle.

The warmer the water the more effective the cleaning action, with higher temperatures also providing a key source of thermal disinfection.

°C	°F	°C	°F
60	140	104	220
54	130	99	210
49	120	93	200
43	110	88	190
37	100	82	180
33	90	77	170

Tempachek™ *Tempachek*™

However, it is equally important to ensure that each stage of the wash process does not exceed in temperature as excessive temperatures can lead to blood and particulate contamination becoming baked onto instrument surfaces.

The TempaChek 90 (blue) is a single use irreversible thermometer designed to monitor and display temperatures reached within the washer during the cold water rinse (pre-wash) stage.

The TempaChek 170 (red) is a single use irreversible thermometer designed to monitor and display maximum temperatures reached during the hottest part of the wash (the thermal disinfection stage).

AquaTest

pH	2.0	4.0	5.0	6.5	8.5	9.5	10.5	12.0
Alkalinity		0	40	80	120	180	240	500
Hardness			0	50	120	250	425	1000

The AquaTest easily & rapidly assesses water quality in terms of pH levels, alkalinity and hardness.

Product code AT101

Water quality is critical to the performance of chemical cleaning agents.

Water hardness and pH levels can impact dramatically on the effectiveness and release of detergent molecules and enzymes within the wash process.

Hard water can lead to staining and pitting of surgical instruments being washed. Whereas an improper pH level can lead to the partial or complete inactivation of the enzymes relied upon to breakdown the soil on instruments during the wash cycle.

The AquaTest easily & rapidly assesses water quality in terms of pH levels, alkalinity and hardness.

With the easy to interpret colour change these values can be measured and recorded for thorough documentation of water quality.

In association with Healthmark Industries USA, Minerva Stericlean hosts its own YouTube channel providing invaluable and easily accessible training videos ranging from control products such as the AquaTest, SonoCheck, & TOSI, to the gram negative bacteria NOW! Test as well as other critical subjects & areas crucial to effective practice within SSDs.

Additional Factors	Endoscope Brushes	TempaChek & Temperatures	NOWTest
AquaTest	SonoCheck	LumCheck	TOSI
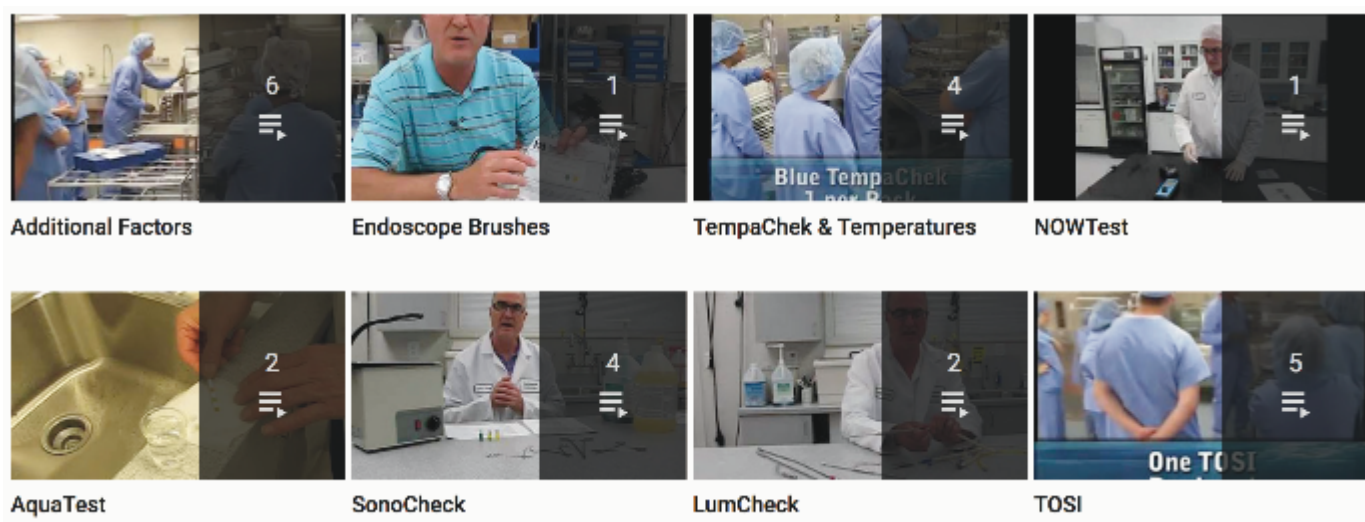
Steam Process Labelling

A comprehensive range of industry leading steam process labels developed by Famos

Our Famos range of steam process labels have been developed over years of experience and extensive testing. The surface material of the labels is water and moisture repellent, resistant to high temperatures without shrinkage all whilst protecting the embedded indicator. The adhesive used is proven to be skin friendly, is certified by Reach & ROHS and has been tested up to 134°C for 18 mins. The chemical indicator complies to the indicator classification EN ISO 11140 -1, tested by an independent laboratory and is free from heavy metals and harmful chemicals.

Patient Documentation Labels

For a complete documentation process these labels can be included as part of the patient's instrument tray or container whilst in use in the operating theatre.
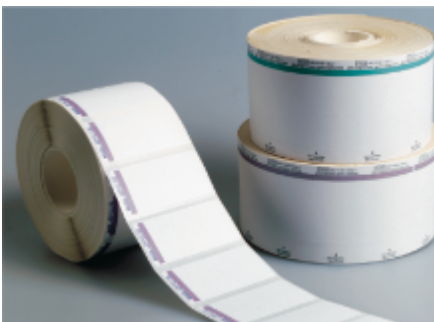
The integral steam indicator gives theatre staff clear indication that the contents of the package or container have been steam sterilised and if the parameters have been met.

Basic labels measure 100mm x 38mm with a perforated edge option label measuring 90mm x 35mm.
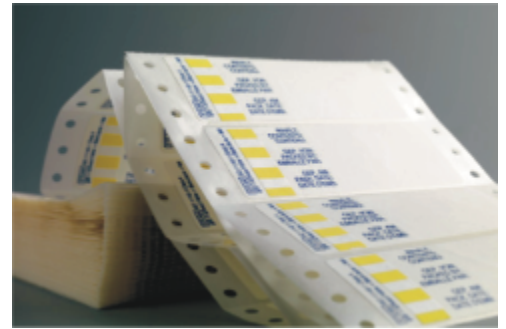
Product code 15.100.501

Computer Labels

Our Famos computer label range comprises thermo transfer print labels and pin wheel print labels; used for marking trays and containers with the ability to display any data field of choice.

The embedded indicators give a clear and easily referenced indication as to whether the container, tray or contents have been sterilised.

Computer labels are also available for ethylene oxide (EO) and formaldehyde (FORM) sterilisation processes.

Product code 15.100.180

The labels comply with EN ISO 11140 -1. Type 1.
They are available in sizes 85 x 35mm, 60 x 38mm, and 59 x 36mm.
They are also guaranteed latex free and are available in single or double strength adhesive.

2 Line Double Marking Labels

Labels with sterilisation process indicators complying to EN ISO 11140-1

Famos have developed double labels with process indicators to provide sterilisation control and traceability for packages and containers.
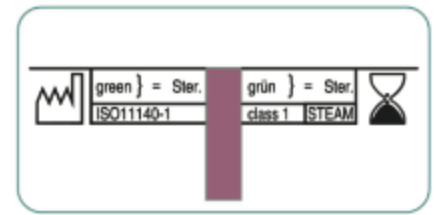
Necessary data i.e steriliser number, packing and expiry date can be printed on the label. The labels of each used set can be documented in a patient's file for keeping records.

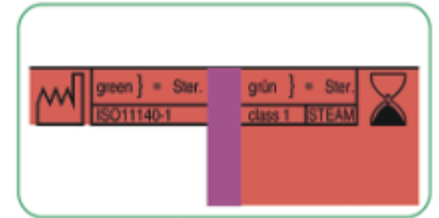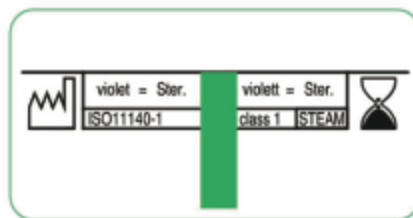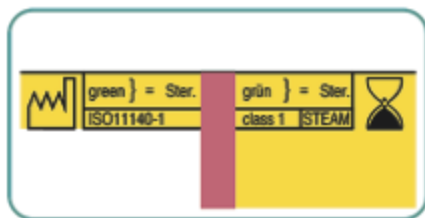Indicators comply to ISO 11140 Class 1
Labels measure 37x19mm
Printing to accommodate five different data fields
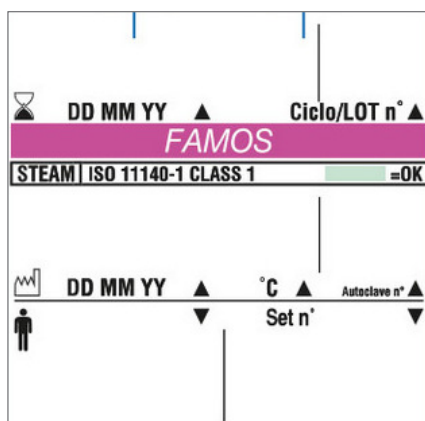Latex free & constructed of Famolabel ™ material

Product code 15.300.164

Available in a variety of colours

3 Line Double Marking Labels

For rapid, confident and assured labelling of packages and containers with indicators complying to EN ISO 11140-1

As an extension to the 2 Line version labels, these are also available for various sterilisation conditions and have Steam, FO, EO or VH2O2 process indicators to identify which packs have been exposed to the sterilisation cycle.

Capable of accommodating 7 data fields, these labels are designed for use with the Famos 3-Line labelling gun.

The labels are manufactured from FamoLabel material have high adhesive strength and are guaranteed latex free, whilst complying with EN ISO 11140-1, Type 1 requirements.

Available in a variety of colours.

Product code 15.300.506

Steam Spot Indicators

Single use adhesive tabs
carrying steam process indicators

The Famos Spot Indicators are small single use adhesive tabs that can be easily attached to trays, containers and packages and readily indicate whether the item has undergone the sterilisation process.

Famos Spot Indicator tabs are also available for the formaldehyde (FORM) sterilisation process.
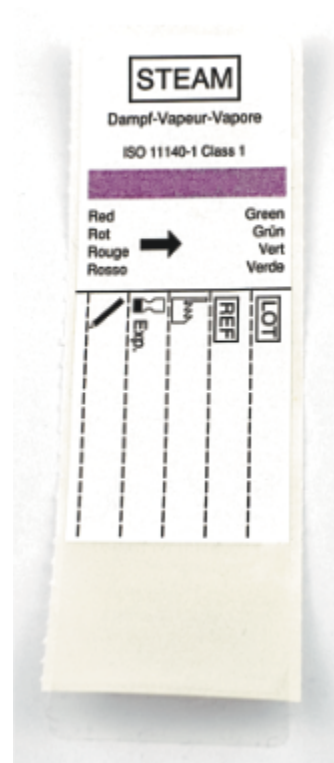
Indicators comply to ISO 11140 Type 1, are packed in an easy dispenser box containing 250 labels, are latex free and constructed of Famolabel ™ material.

Product code 15.100.222

Container Seals & Labels

Sterilisation & security for containers
Providing peace of mind and easy reference

Container labels are designed to be glued over the lid of containers.

They are a suitable alternative to the often used steam tapes with the advantage of not leaving any residue so containers and their lids are easily cleaned.

Container labels have steam process indicators embedded by which one can differentiate sterilised and non-sterilised containers.

Data fields such as contents, packing date, expiry date, set and lot number can all be documented on the label for future reference.

Product code 15.300.018

Formaldehyde, EO & Plasma Labels

Chemical indicator labels complying with EN ISO 11140-1
Certified by Reach & ROHS

Our Famos range of Indicator labels have been developed over years of experience and extensive testing.

The surface material of the labels is water and moisture repellent, resistant to high temperatures without shrinkage all whilst protecting the embedded indicator.

The adhesive used is proven to be skin friendly, is certified by Reach & ROHS and has been tested up to 134°C for 18 mins. The chemical indicator complies to the indicator classification EN ISO 11140 -1, tested by an independent laboratory and is free from heavy metals and harmful chemicals.

FORM & EO Spots

Simple, quick & easy sterilisation process spot indicators for pouches, trays, packages & containers

The Famos Spot Indicators are small single use adhesive tabs that can be easily attached to trays, containers and packages and readily indicate whether the item has undergone the sterilisation process.

Whilst not capable of measuring or displaying the parameters of the sterilisation process itself, the spots are easily dispensed and give clear distinction between sterilised and unsterilised pouches, packages, trays or containers.

Indicators comply to ISO 11140 Type 1, are packed in an easy dispenser box of 250 labels, are latex free, high tack adhesive & constructed from Famolabel ™ material.

Product code 15.100.221 (Form) & 222 (Steam)

2 Line Double Marking Labels

The labels are available for all sterilisation processes; Formaldehyde, Ethylene Oxide, Plasma & Steam (for Steam ordering please refer to the Steam Label section), each with their appropriate indicators.

Necessary data i.e steriliser number, packing and expiry date can be printed on the label using the 2 line labelling gun accommodating five different data fields.
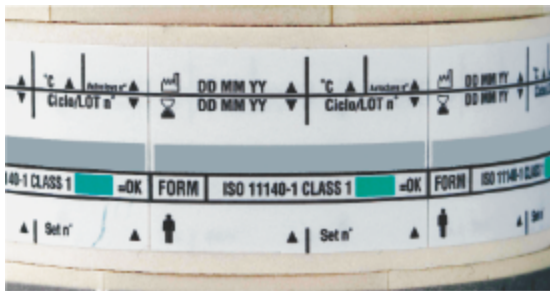
Product codes
15.300.171 (EO)
15.300.447 (Plasma)
15.300.172 (Form)

The indicators comply to ISO 11140 Class 1 with the labels measuring 37x19mm.

The labels are also latex free & constructed of the Famolabel ™ material, ensuring durability, adhesive strength, resistance to high temperatures and shrinkage.

3 Line Double Marking Labels

As an extension to the 2 Line version labels, these are also available for various sterilisation conditions and have formaldehyde process indicators to identify which packs have been exposed to the sterilisation cycle.

Capable of accommodating 7 data fields, these labels are designed for use with the Famos 3-Line labelling gun.

Product Code 15.300.503 (Form)

The labels are manufactured from FamoLabel material have high adhesive strength and are guaranteed latex free, whilst complying with EN ISO 11140-1, Type 1 requirements.

Labels Without Indicators

A comprehensive selection of label types
when indicators aren't always necessary

Blank Labels

Simple self adhesive blank labels for every day, multi purpose use

These simple, self adhesive labels are suitable for
computer printing or hand written notes and are
available in 75mm x 35mm or 37mm x 19mm sizes.

Product code 15.500.522 (75mm) & 15.300.288 (37mm)

Sterilised & Expires Labels

Providing an easy to spot reference for items,
equipment and packages kept within sterile storage.
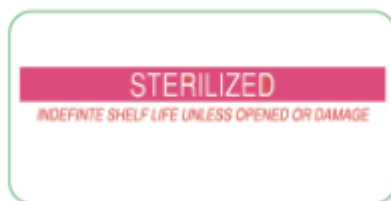
Simple & colourful labels marked as either "Sterilised" or "Expires".

These labels are highly visible and ideal for readily locating and
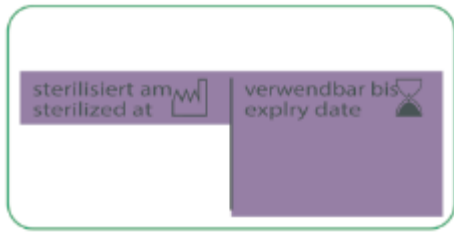identifying items, equipment & packages kept within sterile storage.

Various colours available.

Product code 15.500.515

Coloured Double Marking Labels

Brightly coloured double label gun labels
**for easy recognition of items within sterile storage**

Coloured double label gun labels, without indicators, are available for documentation and traceability purposes where sterilisation indicators are not required or needed.

The variety of colour could be applied with reference to storage dates etc, allowing for easy reference between packages or containers on stock which have a shorter expiry date.

The advantage of having a double label is that one can use the label for documentation purposes by sticking it into the patients file or logbook.

The labels measure 37x19mm
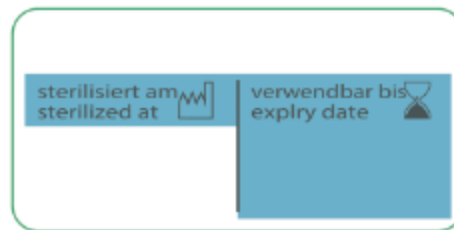
Product code 15.300.141

Tray Labels

Brightly coloured simple tagging

These Famos tray labels are available in a variety of colours and are a useful addition for the tagging of baskets and trays within the SSD.

The unfolded the tags measure 240mm x 50mm. Once folded the tags provide a printable surface of 90mm x 50mm.

Various colours available.

Also available are "Defect" and "Repaired" marked tags.
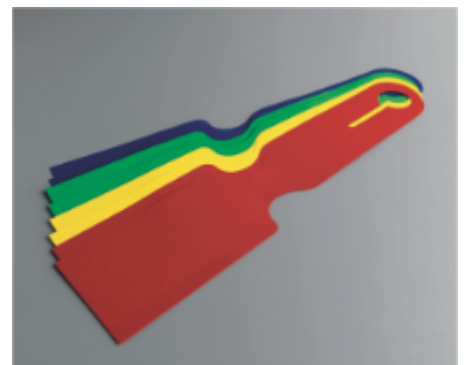
Product code 15.300.061

Labelling Guns

Reliable & sturdy, these labelling devices specially developed for Famos double labels

The Famos 2 line label gun (left) can print 5 different data fields onto the label. I.E. Steriliser type, steriliser number, lot number, packing and expiry date, with its alphanumeric print head.

The 3 line label gun (right) accommodates up to 7 data fields.

Product code 15.400.250
15.300.255

Tape Dispensers

Clean cutting & stable
A heavy-weight and reliable tape dispenser for single or multiple rolls

Robust and reliable dispensers capable of accommodating one to three rolls of up to 25mm in width.

The dispensers are designed with extra weight in the base to guarantee a stable working platform and are equipped with a protection cap to protect the knife when not in use.

A heavy stand with or without elevation is available as an option for when a heavier tape dispenser is required.
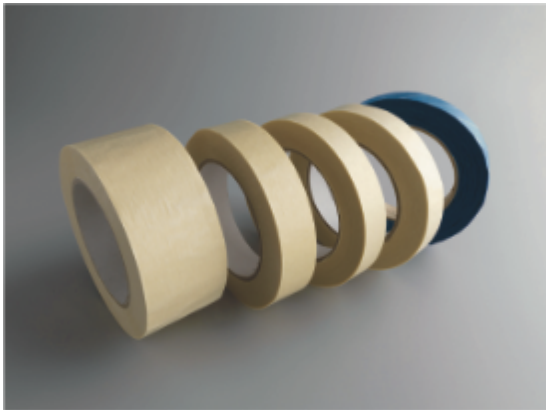

Product code 15.120.023

Tape

Versatile latex-free tape
A variety of sizes, with or without indicators

These tapes are available in standard tack adhesive (white) or double tack high adhesive (blue).

They are available in 3 different sizes (widths): 19, 25, 50 mm
with the indicator tape complying ISO 11140-1, type 1

Product code 15.300.005

Pens

Special non-toxic, quick drying, non fading ink with a 3 year expiry date, delivered by a fine tip offering constant quality.

Available in black, red, blue and green ink.

Product code 15.100.081

Trays

ProTech (TM) instrument protection & scope trays are available in a variety of materials to meet the widest demands, budgets & sterilisation conditions.

The ProTech (TM) instrument protection system is designed to hold and protect instruments during sterilisation, storage and transportation and are designed to accommodate Steam, EO & Plasma sterilisation processes.

(Stainless steel components are not gas-plasma compatible)

Scope trays are available in a variety of materials
(Radel, Anodised Aluminium, Stainless Steel & Polypropylene),
to suit particular sterilisation processes, budgets and scopes.

To ensure confident material compatibility for your individual sterilisation processes we have a materials compatibility guide available from within each product page on our website.

SST Trays

Light-weight, portable & secure.
Available in a range of sizes to suit any surgical instrument

SST trays are a safe and practical means for the collection and transportation of contaminated re-useable sharps and surgical instrument instruments from the point of use to the point of reprocessing.

Available in full, mid and small size systems with autoclavable steristrainer inserts.

The containers themselves can be reprocessed by manual or automated washing with the option of sterilisation in consultation with our SST Sterilisation Guide.
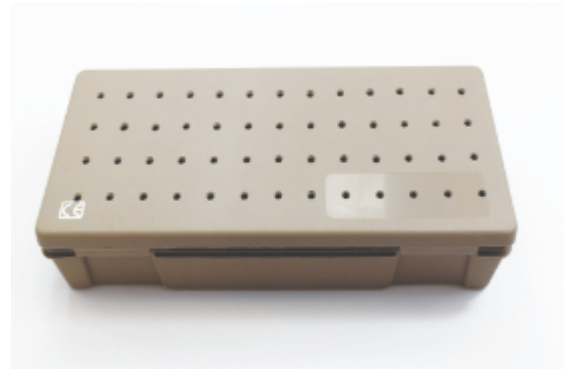

Product code quote SST

Hinged Top Micro ProTech(TM) Trays

ProTech(TM) trays are durable, light-weight, heat and chemical resistant and suitable for Steam, EO & Plasma sterilisation

Intended for micro surgical instruments & hardware, the hinged top cover and snap latch of these polypropylene trays allows for fast & secure instrument protection.

A range of silicone insert mats & push-fit instrument brackets are also available to aid instrument protection and retrieval.
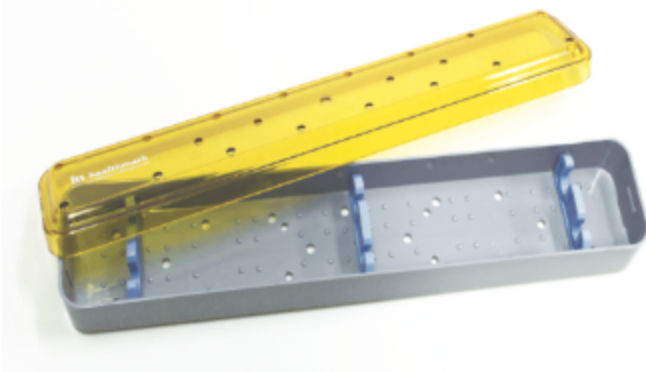
Clear Top Micro ProTech(TM) Trays

Designed for the protection, organisation & transportation of surgical instruments & equipment

When delicate surgical instruments are in transit between point of use, decontamination, sterilisation and storage, safety and security is key.

These ProTech (TM) trays are constructed of light-weight durable materials that are heat and chemical resistant and are compatible with steam, EO & Plasma sterilisation processes.

Clear top trays are customisable with removable, clear, snap-on covers allowing for easy identification of tray contents.

The trays are available as single or double tier, as well as 2/3 DIN for when your requirements fall between the needs of 1/1 DIN and micro trays.

Full Size Custom ProTech(TM) Trays

Design a ProTech Tray to meet your exact needs...

Available in several sizes, these customisable ProTech(TM) trays are made of anodised aluminium with mini perforations to allow for proper penetration of sterilant during the sterilisation process.

Available as single or double layer, these trays come equipped with collapsible grips and sturdy snap latches for secure lid locking.

Additional options include insert trays, silicone instrument mats and universal instrument brackets allowing for any number of configurations to ensure that instruments remain protected and secure at all times.

Product code quote Full Size Custom ProTech

Instrument Trays

Light-weight & durable

Simple, durable and reliable general purpose & surgical instrument trays for general everyday use, available in a variety of colours as plastic or stainless steel, with or without drainage holes. The trays are light-weight, robust and easily cleaned.
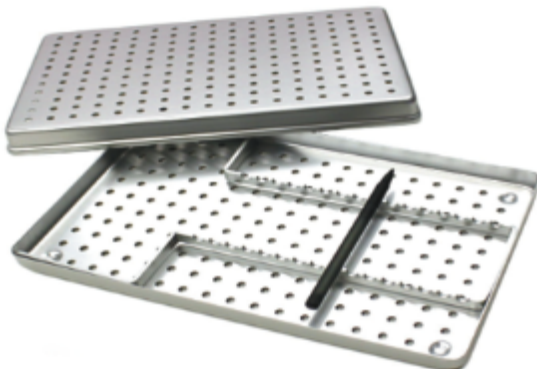

Product code quote Instrument Trays

Metal Micro ProTech(TM) Trays

Compatible with Steam, EO, & Dry-Heat sterilisation

Rivalling plastic trays in price & weight these perforated anodised aluminium trays are designed for robust durability & are constructed with a smooth edge finish. Available in a range of sizes

Product code quote Metal Micro ProTech

Specialist Micro ProTech(TM) Trays

Handy anodised aluminium trays to accommodate speciality instruments and equipment

Capable of withstanding steam, EO & plasma sterilisation processes the speciality trays are all 254 mm in length & available in 228 or 127 mm widths and depth of 50 or 76 mm.

The trays have fully securing lids and can accommodate our universal instrument brackets and silicone mat inserts for maximum configuration options, protection and security.

The trays are provided as;
ER Hand tray (254 x 228 x 76mm)
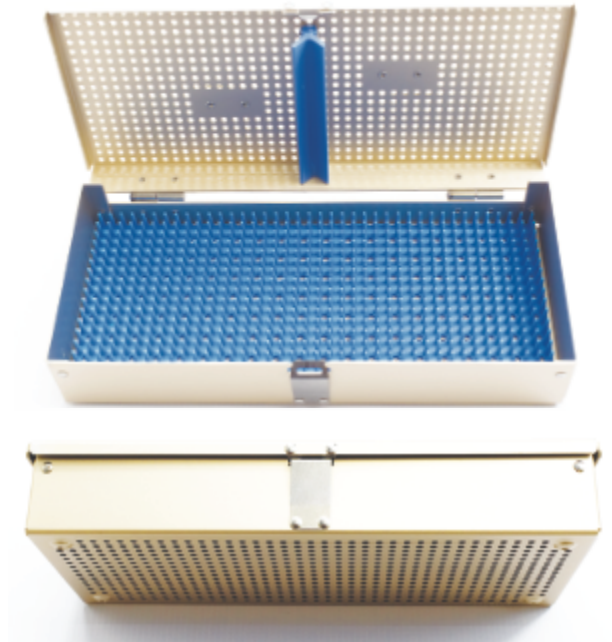Key Elevators Box (254 x 127 x 50mm)
Currettes Ortho/ Neuro Box (254 x 127 x 50mm)
Rhoton Suction Box (254 x 127 x 50mm)
Bipolar Set Box (254 x 127 x 50mm)
Camera Case (254 x 228 x 76mm)

Product code quote Specialist Micro ProTech


Scope Trays (Stainless Steel)

Tough and light weight scope trays

Product code 30111/ 30118 - SSC

Perforated surfaces ensure that our Instrument Brackets can be secured in almost any position to maximise instrument care and protection.

The trays are 76mm wide and 64mm deep. Available as a standard scope tray measuring 270mm in length or the Universal Scope Tray measuring 457mm in length.(measurements to the nearest mm)

Suitable for Steam & EO sterilisation.
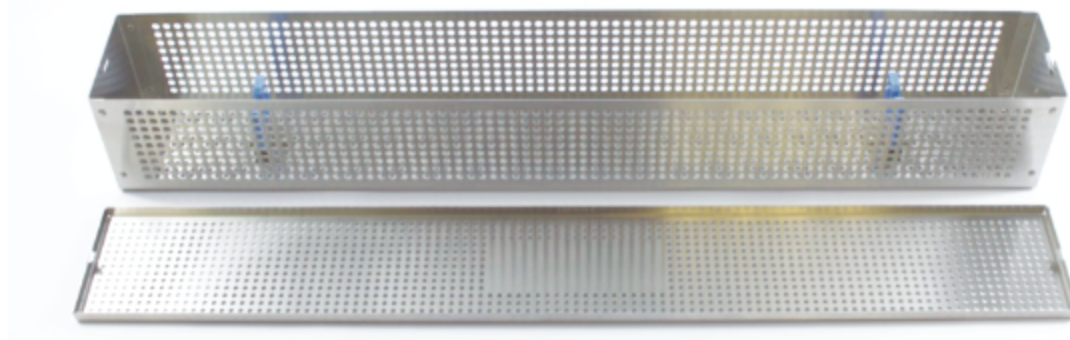
Scope Trays (Polypropylene)

Tough, durable & economical scope trays

Representing an inexpensive solution to instrument care and protection, this range of trays are robust & reliable as well as being compatible with Steam, EO & Plasma sterilisation processes.

ECONOMY SCOPE TRAY

Designed to safely accommodate one or two rigid scopes and chord, these trays are pre-fitted with universal instrument brackets designed for 3, 5 & 10 mm instruments.

Product code 31772-22

ARTHROSCOPE TRAY

Fitted with a hinged top and measuring 260mm x 114mm x 44.5 mm these trays are easily fitted with our screw-fit instrument bracket to ensure instruments remain safe and secure.

Product code 31042-22

CAMERA TRAY

Easily fitted with our universal instrument brackets to provide optimal storage, the camera tray has been designed to safely protect expensive cameras and accessories. The unit is fitted with a hinged lid and dual closing mechanism to ensure the contents remain protected and secure. The unit measures 355 x 159 x 63.5 mm

Product code 31462-22
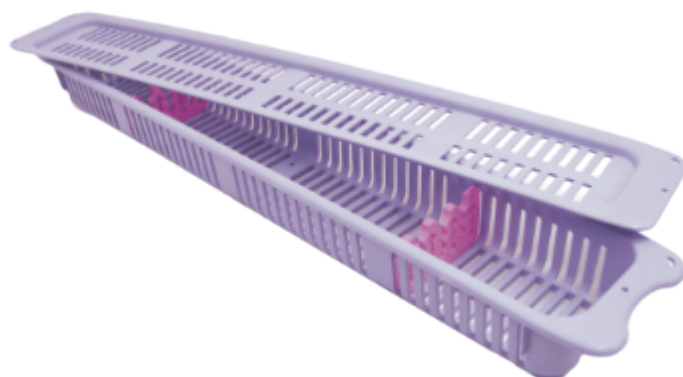
SCOPE MESH CONTAINER

Specially designed to hold long rigid scopes, the tray comes with a removable full length lid and is fitted with silicone instrument brackets to ensure the scopes remain securely locked in position. The unit measures 108 x 660 x 63.5 mm

Product code SMT5510

Scope Trays (Radel®)

For the best in durability and protection

RADEL® is a Polyphenylsulfone - a high performance polymer with increased performance over similar products such as Polysulfone and ULTEM®.

Also used in the aviation industry, the material is incredibly robust with superior toughness and impact strength as well as having extreme heat and chemical resistance.

Capable of withstanding Steam, EO & Gas plasma sterilisation, this range of trays makes full use of these qualities in providing the maximum level of protection and durability for your equipment.

CLEAR TOP ARTHROSCOPE TRAY

Steam, EO & plasma compatible, this clear top tray provides superior protection over it's Polypropylene counterpart and can be easily fitted with universal instrument brackets to maximise storage options.

The tray measures 235 x 76 x 34 mm

Product code 3-4110
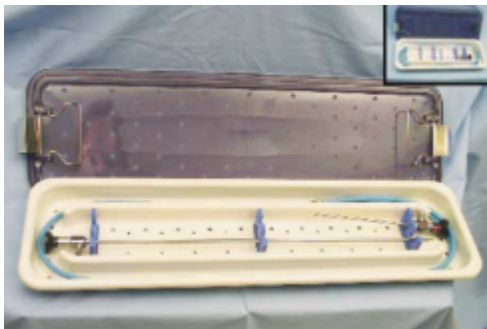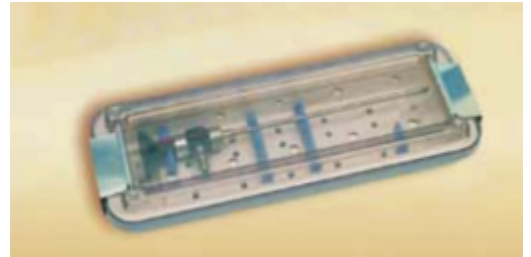
CORD CHANNEL SCOPE TRAY

Designed to hold rigid scopes in place, a moulded peripheral channel ensures that cables are cords are conveniently stowed.

Available in two sizes - 432 mm or 635 mm x 156 x 51mm
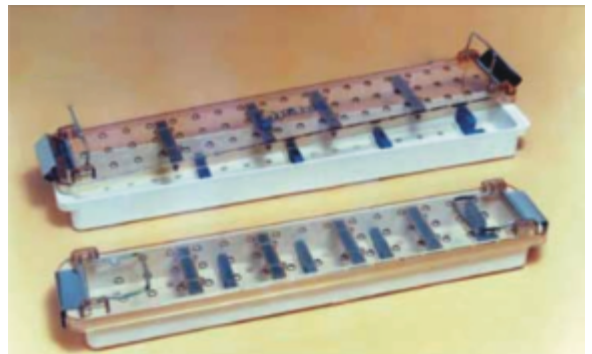
Product code 3-5120/ 3-5130

EXTRA SAFE SCOPE TRAY

The perforated base & clear top of these trays allows for universal instrument brackets to be easily fitted to both sections, thereby securing instruments from above and below whilst in the tray.

Available for single or double scopes.

Available in lengths of 271, 394, & 457 mm x 70 x 35 mm

Product codes 3-3131/ 3170/ 3180/ 3200

SUPER LONG SCOPE TRAY

This tray is long enough to accommodate the longest of rigid scopes and is supplied with universal instrument brackets sufficient to hold two scopes.

The tray measures 686 x 102 x 76 mm

Product code 9326

Scope Trays (Anodised Aluminium)

Robust, light-weight and smooth edge engineering
with the ability to accommodate Steam, EO & Plasma sterilisation processes

OSTEOTOME TRAY

A case designed for curved and straight osteotomes, gouges & chisels.

It's tough and light-weight and comes equipped with universal instrument brackets sufficient to hold up to 12 instruments ranging from 6.35mm to 82.55 mm.
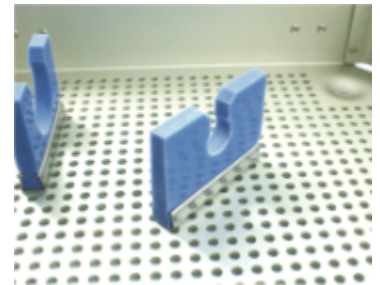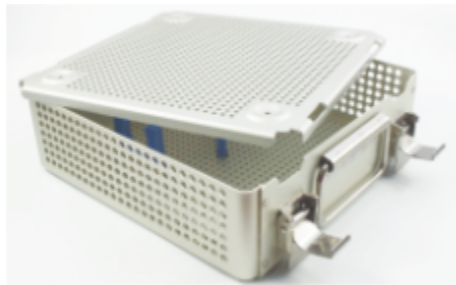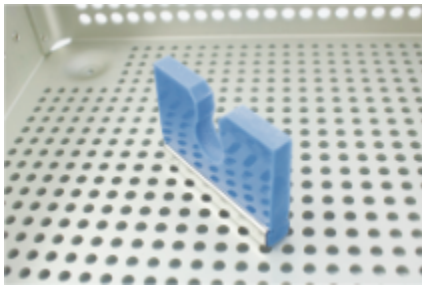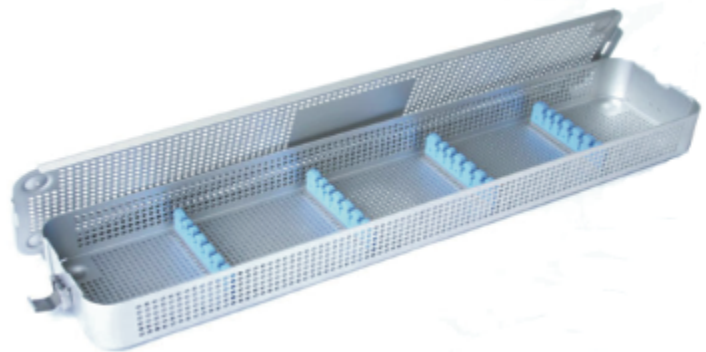

Product code SP-3014

BARIATRIC SCOPE TRAYS

Designed to hold very long bariatric scopes these trays are available in two sizes with the wider tray being capable of storing up to two scopes and several instruments.

Product code 30126 (single scope)
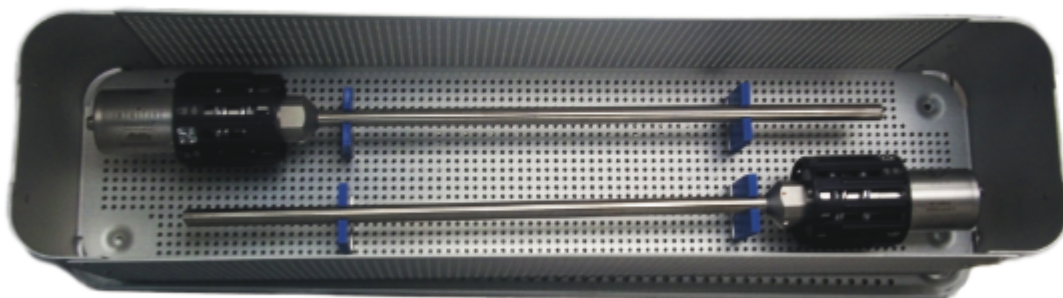   30630 (multi scope)

DA VINCI LENS TRAY

Designed & intended for the safe transportation and reprocessing of da Vinci (r) lenses.

The perforated surfaces of the tray ensures that our Universal Instrument Brackets can be positioned at virtually any point to maximise instrument safety & security.

Product code 250605-DVC

Baskets

Electrolytically polished & manufactured from AISI 304 stainless steel,
our baskets for storage & sterilisation are available
in a wide range of styles and sizes.

The selection includes single or double rim baskets for extra stability, with stackable & nest-able options
together with a selection of fine mesh baskets.

Wire tray inserts are also available, as are collapsible grips and locking lids.

The trays listed below are just a small selection of our entire product range
with the facility to adapt existing baskets to suit your particular requirements.

Sterilisation Baskets

AISI 304 Stainless Steel stackable wire baskets for storage & sterilisation

These electrolytically polished baskets have integrated grips with the option of single rims or double
rims for extra stability. Available as ISO baskets (600 x 400mm) with depths ranging from 100 to 200
mm, with the option of an additional wire tray plateau. The single upper rim baskets are of an endless
wire construction and are non nest-able.

Product code 50.100...

Deep Drawn Instrument Baskets

Wire sided instrument trays with collapsible grips and stacking rims

Available as full, half and quarter DIN trays with a 3mm x 3mm wire mesh.

Available sizes;

480 x 250 x 60mm

240 x 250 x 60mm

120 x 250x 60mm

Product code 50.100.062/063/064

Instrument Baskets (Perforated)

Instrument tray baskets with perforated sides
Comprising a 6 x 6mm mesh with collapsible grips and a flat base

These trays are available as;

1/1 DIN - 480 x 250 x 100mm or 480 x 250 x 60mm
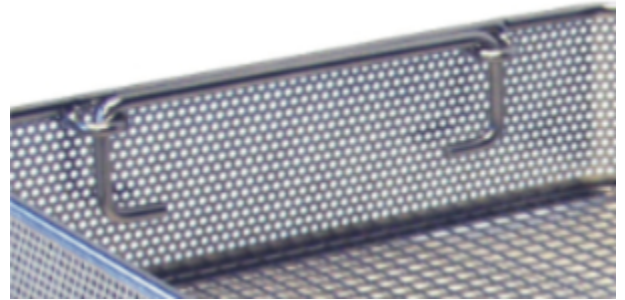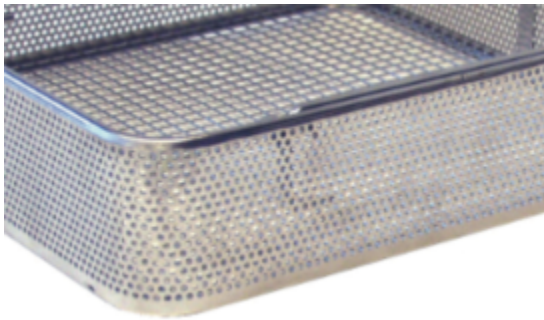
1/2 DIN - 240 x 250 x 100 or 240 x 250 x 60mm

1/4 DIN - 120 x 250 x 60mm

1/1 ISO - 460 x 320 x 60mm

1/2 ISO - 230 x 320 x 60mm

1/4 ISO - 115 x 320 x 60mm

Product code 50.101...

Instrument Baskets with Click Lids

Secure lid fastening with 0.45mm wire thickness and a 1.12 x1.12 mm mesh

Available sizes; 80 x 80 x 40mm & 80 x 80 x 30mm

Product code 50.102.323 (40mm) & 50.102.470 (30mm)

Storage

Innovation & practical functional storage solutions
for surgical instruments & equipment.
Designed to fit perfectly into your environment & adapt with your needs.
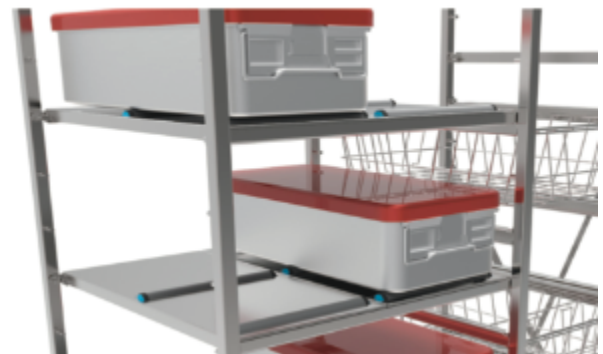
Roller Storage

Embedded roller system shelving to aid tray storage and retrieval

This roller storage system, developed by Famos, has been designed to complement & integrate with existing shelving systems (including the FamoStorage Modular System) whilst easing the wear and tear on baskets, trays, containers and shelves.

The reduction in such wear and tear ensures a longer tray and shelf life, whilst minimising the risk of unwanted particles being produced during the process of friction.
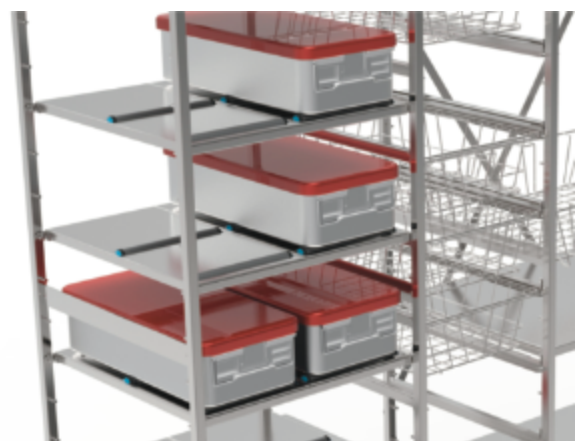
The shelving is constructed from stainless steel and is available in a solid or perforated shelf configuration and is available in two sizes; 600 x 300 mm or 600 x 400 mm.

The system also integrates seamlessly into Belintra & Hupfer storage systems.

Product code FSR1 (600 x 300mm) FSR2 (600 x 400mm)

The Modular FamoStorage System

An adaptable made-to-measure modular storage system for sterile instruments and equipment

The modular FamoStorage system allows CSSDs & SSDs to design and install their own made to measure storage system.

The system is easily installed and extended with the option for fixed or caster foot fittings for static or moveable shelving.

Comprising a Stainless Steel shelving framework (available in multiple sizes) with U & L shaped profiles and solid or perforated shelving, you can design the configuration that best suits your environment, sterilisation protocols & requirements.

The system requires minimum maintenance, is easily cleaned and for a hygienic finish the system can be fitted with a sloping Stainless Steel roof section to ensure the top section of shelving remains dirt and dust free.

The FamoStorage system has a height of 2100mm and has a storage capacity of 1200kg per section (per 600 -1200mm shelf the maximum loading = 150kg & 100kg for shelving measuring 1200-1500mm.)

For component details and dimensions of our standard sets please refer to the Ordering Details section of the product page on our website.

For systems that require units not listed please contact us directly as we can supply components designed and manufactured to your own custom requirements.

Product code 50.107/50.108

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Additional Equipment

To complement the range of trays, baskets & storage we provide a growing selection of additional equipment to further aid instrument protection, identification and ease of use.

Clip-On Basket Tags

Easy fitting coloured clip-on identification tags
for baskets, trays & containers

Manufactured from durable polypropylene, these clip on basket tags measure 89 x 50mm
& are suitable for use with the widest range of mesh baskets, tray & containers.

They are compatible with steam, plasma & EO sterilisation processes as well as regular daily washing, enabling the tags to remain with a set of instruments right the way through the decontamination process.

The tags are easy to attach & remove and are constructed with a dual rear clip to ensure they remain in place once attached.

The tags are available in eight vibrant colours (Orange, blue, yellow, black, pink, purple, red, green)
to aid rapid tray identification and can be easily written on with marker pens for particular tray instruction or instrument identification.


Product code COBT

Instrument Brackets

A variety of instrument brackets suitable for hinged and clear top Micro ProTech(TM) trays & our selection of wire baskets.

Our instrument brackets are designed to accommodate & complement our range of wire baskets as well as the hinged and clear top Micro ProTech(TM) trays.

The brackets are available with screw-in or push-fit fixings.

The screw-in brackets (suitable for our range of wire baskets) consist of four different silicone cut-out designs that pair with a stainless steel universal fixation piece, which simply attach and screw into the bottom of the tray.
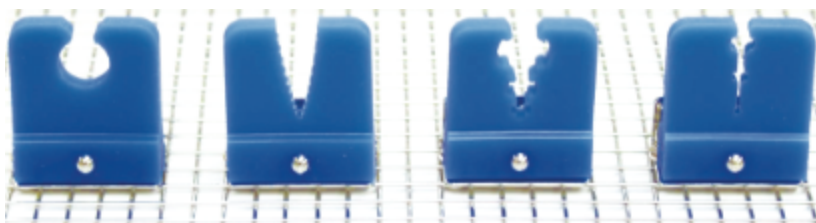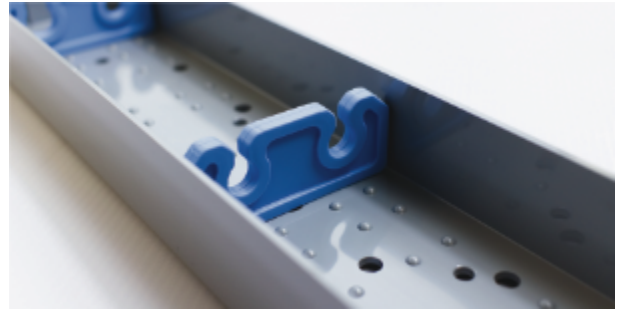
The four styles of cut-outs can be custom arranged, which provides various options for convenient storage in accordance with the width and length of medical instruments.

These brackets are available in a package of four, and are heat-resistant up to 135 °C.

Also available are the easy to install push-fit brackets (as shown above), which are designed to complement the hinged top and clear top Micro ProTech tray selection and are available in a wide variety of sizes and cut-out designs to ensure maximum protection and security configuration.

Product code A237591K (Push-fit) / 56, 710, 1015-UB (Screw fit)

Silicone Tray Mats

For the protection & easy retrieval of delicate surgical instruments from trays & baskets

The silicone fingers of these mats gently but firmly cushion instruments from damage & assist in holding the items in place.

The mats are suitable for Steam, EO & Gas Plasma sterilisation, are available in a range of sizes and complement our selection of trays & baskets perfectly.

(Tray not included)

Product code quote Silicone Tray Mats
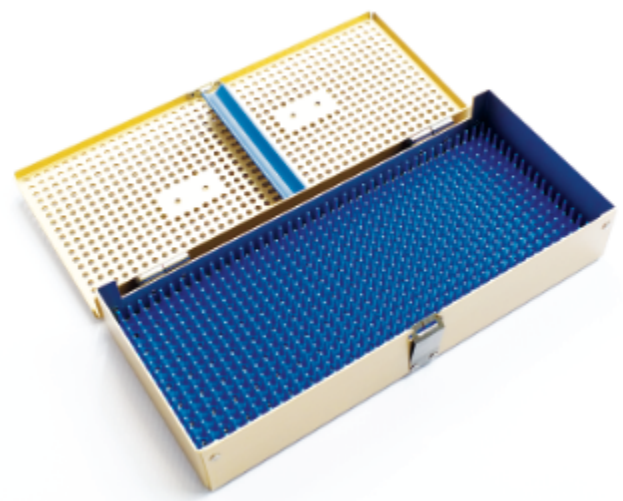
Distal Soak

Ensuring the delicate tips of surgical instruments remain protected and moist after use

By preventing the drying out of the tip, any contamination becomes subsequently easier to remove, making the cleaning and sterilisation processes more effective.

The vials are available as close lid (allowing the vials to be pre-charged with sterile solution) or open lid (allowing vials to be filled once the distal tip has been inserted).

The vials are fashioned from polypropylene, with silicone lids and a Plexiglas® tube holder is available (sold separately) for proper handling.
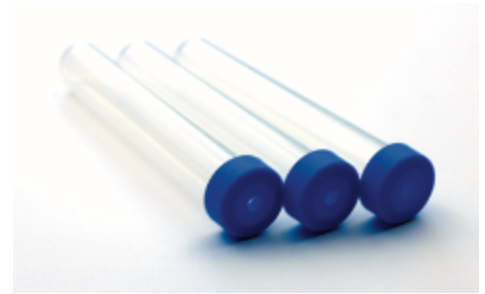
Product code 50058/ 50065/ 50069

Long Sleeve Gloves

Comfortable & flexible with assured protection

The Long Sleeve Gloves are a unique fusion of a 15 mil nitrile lined EVS glove that adheres to a 4 mil protective sleeve with an elastic cuff.

Having an overall length of 28 inches, these gloves provide complete durable hand and arm protection. The gloves are comfortable, flexible, and lightweight, while the elastic cuff on the sleeve inhibits slippage from the upper arm.

The gloves are latex free, designed for one-day use, sold in pairs, are resistant to a broad range of hazardous chemicals and are available in four sizes.
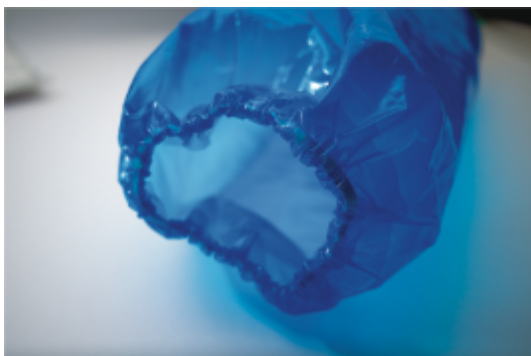
Product code 41380, 41480, 41580, 41680

Face Shields

Light-weight and easily ventilated whilst providing confident splash protection

Our range of face shields are ideal for use in departments where maximum personal protection is the goal, providing the best splash protection against exposure to blood borne pathogens.

The standard face shield measures 9 inches high and 13 inches wide and is also available with a wider fit, with or without an additional drape.

Air easily circulates around the fabric to allow for easy breathing and prevents moisture accumulation that can lead to fogging.

The shields are CE marked and manufactured under ISO conditions.

Product code
16000 - 100 (without drape)
18000 - 100 (with drape)
18000W - 100 (wide with drape)

Autoclave Gloves

Tough, durable, comfortable, flexible, water resistant and capable of withstanding temperatures up to 450°C.

The gloves' facing material is kevlar, backed with aluminised para-aramid fibre at 500g/m2.

The glove seams are stitched with Kevlar wire and have an internal fleece insulation in wool or cotton.They contain no harmful materials or substances and comply with EC type examination certificates & standards.

Available in sizes 7,8,10,11

Product code ACG 001

Instrument Tip Protectors

Coloured & clear, vented, channelled & mesh instrument tip protectors
Tough on protection, delicate on tips

Our range of instrument tip protectors includes simple single use pouch designs for protection of sharps as well as coloured, see-through and vented protectors capable of withstanding sterilisation processes, with ventilation to aid thorough cleaning and sterilisation whilst affording maximum instrument protection and identification.

Instrument Protectors

The Famos Instrument Protector provides a secure cover for sharps. They measure 50 x 125 mm & are designed for sterilisation conditions.

Product code15.100.055

Vented Instrument Guards

Our vented instrument guards (coloured) are designed to accommodate full impact sterilisation yet provide maximum tip protection.

With a range of sizes and colours, instruments of varying design and size can be accommodated and are readily identified and located.

The vented design allows for rapid and complete moisture evaporation during the sterilisation process.

Available with a coloured or clear finish.

Product code 091011...

Channelled Tip Protectors

The channel design prevents moisture accumulating between the protector and the instrument being sterilised & the additional vents ensures that moisture quickly evaporates during the sterilisation cycle.

The transparency of the tips offer an easy line of sight of the instrument tip itself with a channel design that prevents the protector from sticking to the instrument.
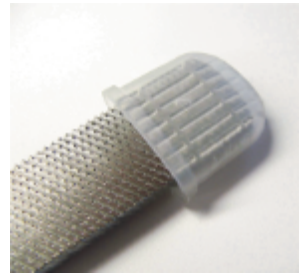
Product code 10001 - 100010

Mesh Sleeved Tip Protectors

Mesh sleeve style tip protectors are designed for instruments of a more delicate nature or design.

These lightweight durable polyethylene single use tip protectors are perfect for instruments such as rigid endoscopes.

The mesh design is available as a covered tip protector or as a protective open ended sleeve. Their flexibility means they can expand to accommodate a wide range of sizes & are suitable only for use in low temperature sterilisers.

The closed tip mesh measures 70mm in length with a 6 mm diameter & the open mesh protector measures 102mm in length with a 13 mm diameter.

Product code CSW 03-2.0 (closed tip) & CSW 04-4.0 (open ended)

Arm Sleeves

Fast drying, moisture wicking, machine washable sleeves

Guidelines and protocols state that arms must be covered when preparing and packaging sterile items in the clean assembly area of sterile processing.

These sleeves are designed as an alternative to the traditional long sleeved scrub top or jacket.

These machine washable arm sleeves are one-sized, designed to fit a bicep of 10 to 14 inches and are made from a fast drying and moisture wicking polyester material, featuring an elastic gripper to prevent slippage.

The sleeves are available as pairs in blue, green and pink.

Product code ASP 001

Silicone Tray Corners

Reusable silicone corner protectors
## The perfect solution to those problematic corner tears

These reusable silicone corner protectors may be manually cleaned or processed through automated instrument washers.

Silicone tray corners are intended to help prevent rips and tears to SPD / CSSD wrapped trays caused by sharp edges, improper handling and tray feet.

The unique rounded design hugs the corner for extra protection and convenient stacking with wire mesh baskets.

The corners measure 76 x 54 x 33mm (3 x 2 x 1.3")

Available in a pack of four, the yellow Silicone Tray Corners are heat-resistant up to 135 °C & are compatible with steam, EO and gas plasma sterilisation.
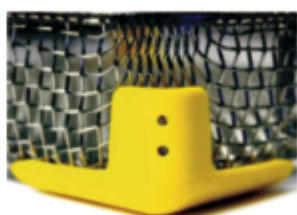
Product code 50062YL

Bowie & Dick

Together with Famos we are able to provide Bowie & Dick testing equipment to complement porous and hollow loads as well as testing for Class B bench top sterilisers.

These tests for steam sterilisers need to be done at the beginning of the working day and following a successful pass of the Bowie & Dick Test the equipment can be released for use.

The PCD units of the the helix tests represents a greater test challenge for steam sterilisers and the sterilisation process as the indicator cards are sited within a retaining device attached to a narrow lumen tube.

The Bowie & Dick Test Pack and Bowie & Dick Test Set comply to EN ISO 11140-1 (type 2) as well as EN ISO 11140-4

Bowie & Dick Test Packs

With reference to the European Standard EN 285, the Bowie & Dick Test is a mandatory test for steam sterilisers

The Bowie & Dick Test Pack is dedicated for porous loads in pre-vacuum hospital steam sterilisers. It complies with EN ISO 11140-1 (Type 2) as well as EN-ISO 11140-4.

The Bowie-dick test results are accurate and reproducible.

The ISO 11140-4 indicator is non reversible with an easy to interpret colour change from yellow to black. The packs contain an easy to complete data sheet and the laminated indicator prevents any interaction with ink. Ink used in the product is free of any toxic component & the paper is high quality re-cycled material.

Product code 15.100.039

Bowie & Dick Helix Test (Stainless Steel)

The Bowie & Dick Test Set is dedicated for porous and hollow loads in pre-vacuum hospital steam sterilisers.

Compared to the BD Test Pack (porous loads) the Bowie & Dick Helix Test Set simulates a hollow instrument and generates a bigger challenge for the steam steriliser and the steam sterilisation process.

It complies with EN ISO 11140-1 (Type 2) as well as EN-ISO 11140-4.

The test is easy to set up with the indicator tokens being folded and placed into the PCD prior to the entire test pack being placed within the steriliser. Results are easy and quickly interpreted with the irreversible colour change of the test token.

The tests are simple to document & reproduce.

Product code 15.100.072

Bowie & Dick Helix Test (Teflon)

Tested against the original Bowie & Dick Test Pack by an independent micro-biological laboratory, this Bowie & Dick Helix Test Set is dedicated for hollow loads in a bench top steriliser class B.

Compared to the BD Test Pack (porous loads) the Bowie & Dick Helix Test simulates a hollow instrument and generates a bigger challenge for the steam steriliser and the steam sterilisation process.
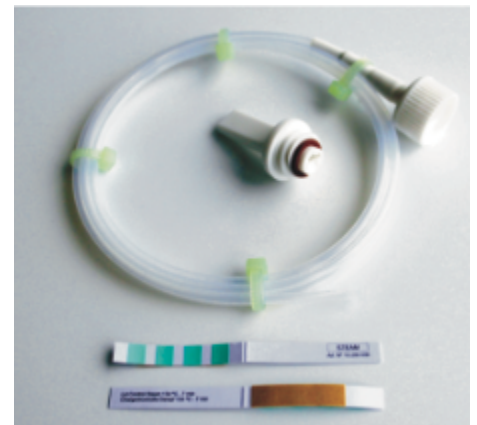
The Helix strips complies with EN ISO 11140-1 (Type 2) & EN 867.

The Bowie & Dick Helix Test produces accurate and reproducible results, is easy to set up and execute, with irreversible easy to interpret colour changes on the test card.
(see Lot Control Tests).

The ink used within the product is free of any toxic component and the paper used is of high quality recycled material.

Product code 15.100.097

Lot Control Tests

Assessment of sterilisation conditions & parameters for each sterilisation batch/cycle

Capable of assessing steam, formaldehyde and ethylene oxide processes, the test sets are all based upon the helix type of process challenging devices, into which an indicator is placed.
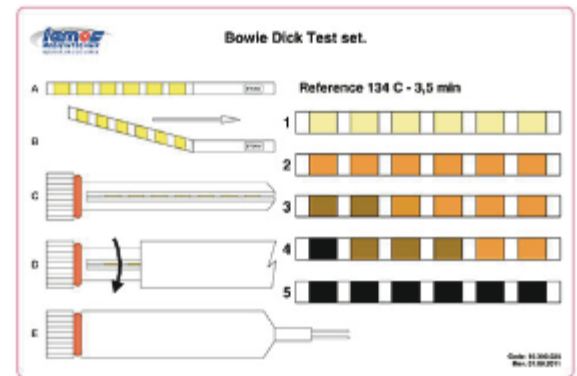
The advantages of the Lot Control test include the ability to detect non-condensable gases and vacuum failures as well as the ability to simulate hollow instruments with narrow lumen including the detection of maximum steam penetration.

Product codes

15.100.090 (Steam)
15.100.231 (Form)
15.100.099 (EO)

Chemical Indicators (Spots)

With indicators complying to ISO 11140 Type 1 Famos Spot Indicators are small single use adhesive tabs that can be easily attached to trays, containers and packages and readily indicate whether the item has undergone the sterilisation process.

The surface material of the labels is water and moisture repellent, resistant to high temperatures without shrinkage all whilst protecting the embedded indicator.

The adhesive used is proven to be skin friendly, and has been tested up to 134°C for 18 mins.

The chemical indicator complies to the indicator classification EN ISO 11140 -1, has been tested by an independent laboratory and is free from heavy metals and harmful chemicals.

Product code 15.100.221 (Form) & 15.100.222 (Steam)

Integrators

Intended to fit within pouches, packs and containers. along with the instrument under-going sterilisation. The Famos range of integrators have been designed to accommodate a range of sterilisation temperatures and times, up to 134°C from 3 to 18 minutes.

Type 4 Integrators

Available for Steam and Dry Heat, with future on-going development of EO, FO and Plasma labels

These self-adhesive integrators were developed with intention of them being attached to the patient records for use in the Operating Theatre.
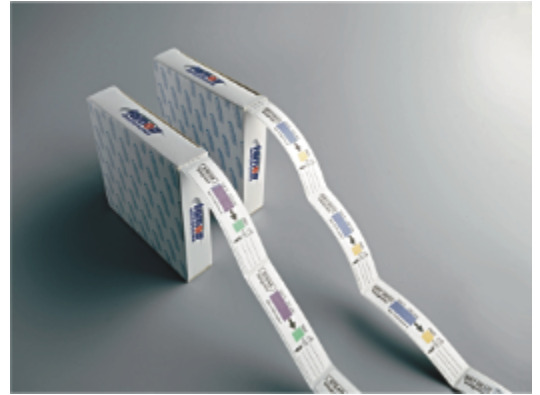
.
They are packed in an easy to use dispenser box, with the sterilisation end colour displayed on the integrator for easy reference.

These labels can accommodate 160°C for 20 mins (dry heat) or 134°C for 3 or 5 minutes (steam)

Product code 15.100.262 (Dry Heat) & 15.100.263 (Steam)

Type 5 Integrators

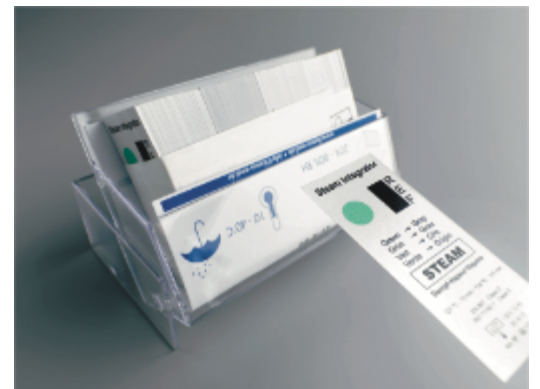**Complying with EN 867 Type D and EN ISO 11140-1 Type 5**

Steam Integrators (Type 5) provide a simple single colour change reference.

The integrators can be packed into pouches, packs or containers together with the instruments to be sterilised.

Following the sterilisation process the integrator provides clear indication as to whether complete sterilisation conditions have been met inside the container/pack.

This provides theatre staff with an assurance just prior to instruments being used.

These integrators are designed to accommodate sterilisation temperatures of 121°C for 15 minutes or 134°C for 3 or 5 mins.

Product code 15.100.135

Type 6
Three Phase Integrators

Complying with EN ISO 11140-1 Type 1, three phase integrators are specially designed to check the time & temperature combination in three different steps.

Each embedded indicator is validated to individual time/temperature combinations displaying Fail, Safe & Optimum colour change references on the card.

Like the other steam integrators they are packed together with the instruments, in packs or containers during the sterilisation process.

These integrators are designed for steam sterilisation conditions and can accommodate 121°C for 15 minutes or 134°C for 3 or 5 mins.

Product code 15.100.065

Steam Prion Integrators

Complying with EN ISO 11140 Type 5

Famos Prion Integrators are specially designed to check the time and temperature combination for steam prion cycles at 134°C -18 minutes.

Product code 15.100.064

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Competence in CSSD