

Browne – Sterility Assurance Products



Cleaning Verification Indicators



Disinfection Verification Indicators



Sterilization Verification Indicators

Why not Ask Albert?
He loves a challenge!
askalbert@steris.com



Browne – Sterility Assurance Products

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Washer-Disinfectant Test Soil



Description

Easy to mix, easy to use. The Browne Washer-Disinfectant Test Soil is designed to simulate the soiling that naturally occurs during theatre use and performs in an equivalent manner to the Edinburgh soil. The Browne Test Soil presents the cleaning equipment with a physical challenge such as the cleaning efficacy tests described in ISO/TS 15883-5. The Browne Test Soil is supplied in powder form as individual test pots. One pot, one test.

Order Code	Quantity
2304	10 Pots

STF Load Check Indicator and Holder



Description

The Browne STF Load Check Indicator and Holder have been carefully designed to perform in an equivalent manner to 'test soils' by providing a realistic multiple challenge for the washer-disinfectant machine. Containing two sources of protein, lipids and polysaccharides, the Browne STF Load Check Indicator mimics the cleaning efficacy soil tests for surgical instruments described in ISO/TS 15883-5. The Browne STF Load Check Indicator contains no blood products.

Order Code	Quantity
2312	25 Indicators/Box
2315	100 Indicators/Box
2316	1 Holder/Box

RESI-TEST™ Protection Detection Kit



Description

The Browne RESI-TEST™ Protection Detection Kit is a residual protein-detection test designed to perform rapid, sensitive (>1µg) and cost effective residual protein testing. The Browne RESI-TEST™ Protection Detection Kit provides you with a simple, practical and easy-to-interpret protein detection method, which can be incorporated into your departmental programme.

Order Code	Quantity
3369	25 Tests/Box

RESI-TEST™ Cleaning Indicators for Protein Detection



Description

Rapid, self contained and easy-to-use RESI-TEST™ Cleaning Indicators for Protein Detection.

Order Code	Quantity
3371	25 Test/Pouch

RESI-TEST™ Endoscope Sampling Brushes



Description

The Browne RESI-TEST™ Endoscope Sampling Brushes are the only brushes validated for use with the Browne RESI-TEST™ Protein Detection Kit. (3369)

Order Code	Quantity
3372	25 Brushes/Pack 1-1.2 mm
3373	25 Brushes/Pack 1.5-2.6 mm
3374	25 Brushes/Pack 2.8-5.0 mm

Ninhydrin Protein Detection Kit: non-visual protein check

Description

The Browne Ninhydrin Protein Detection Kit: non-visual protein check is simple to perform. Clean instruments are swabbed after going through a washer-disinfector process to pick up any non-visual proteins that may be present.



Order Code	Quantity
2369	25 Tests/Box
2370	4 Tests/Box *Contains ninhydrin reagent
2378	Green 50/Bag Clean'Net Endoscope Cleaners Channel diameter 2.8 – 3.2 mm
2379	Yellow 50/Bag Clean'Net Endoscope Cleaners Channel diameter 3.2 – 4.2 mm
2241	Incubator In accordance with EN ISO 15883-1 standard

STF HexaLumen™ Automatic Endoscope Washer-Disinfection Test Kit



Description

The Browne STF HexaLumen™ Automatic Endoscope Washer-Disinfection Test Kit is a simple-to-use process challenge device (PCD) with 6 test capsules and 6 lumens which conform to the dimensions stated in ISO/TS 15883-5. It does not require awkward coating of lumens with soil; instead it utilises STF cleaning indicator technology which verifies the cleaning stage of the endoscope reprocessing machine.

Order Code	Quantity
HX600	1 HexaLumen
HX601	Box of 10 Packs of 7 Indicators Sold separately

STF HeptaLumen Automatic Endoscope Reprocessor Cleaning Verification Test Kit



Description

The Browne STF HeptaLumen Automatic Endoscope Reprocessor Cleaning Verification Test Kit's simple-to-use process challenge device (PCD) with seven test capsules and seven lumens which conform to the dimensions stated in ISO/TS 15883-5. It does not require awkward coating of lumens with soil; instead utilises STF cleaning indicator technology which verifies the cleaning stage of the endoscope reprocessing machine.

Order Code	Quantity
HX700	1 HeptaLumen
HX601	Box of 10 Packs of 7 Indicators Sold separately

STF HexaLumen™ Endo-test for ED-FLOW™



Description

Designed to verify the cleaning performance (flow, detergent) of ED-FLOW™ automated endoscope washer disinfectors.

Order Code	Quantity
HX800	1 HexaLumen™ Endo-test for ED-FLOW™
HX601	Box of 10 Packs of 7 Indicators Sold separately

STF HexaLumen™/HeptaLumen Automatic Endoscope Washer-Disinfector Test Kit Indicators



Description

Designed to verify the cleaning performance (flow, detergent, blockage) of automated endoscope washer disinfectors for use in conjunction with HX600, HX700 and HX800 STF HexaLumen™/STF HeptaLumen Automatic Endoscope Washer-Disinfector Test Kits.

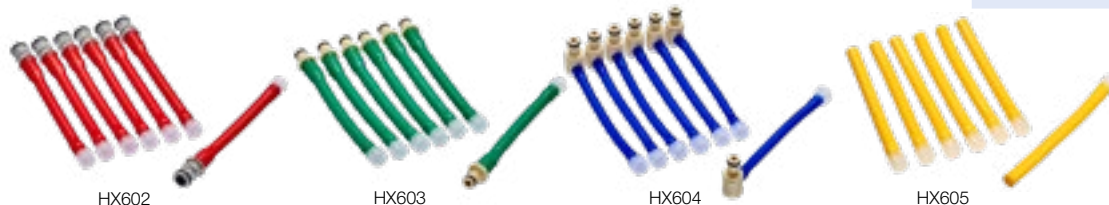
Order Code	Quantity
HX601	Box of 10 Packs of 7 Indicators Sold separately

STF HexaLumen™/HeptaLumen Adaptor Kits

Description

The Browne STF HexaLumen™/HeptaLumen Adaptor Kits are for connecting the STF HexaLumen™/HeptaLumen to automated endoscope washer-disinfectors. Please contact your local representative to discuss your requirements.

Order Code	Quantity
HX602	7 Adaptors/Box
HX603	7 Adaptors/Box
HX604	7 Adaptors/Box
HX605	7 Adaptors/Box



Des Check



2470
93 °C/10 minutes



2471
90 °C/5 minutes

Description

Emulating indicators for use in moist heat thermal disinfection processes. The Browne Des Check range provides an accurate, convenient method of routine verification of moist heat processes. When distributed throughout the load, the indicators provide visual confirmation of conditions achieved at point of placement. The vivid colour change from yellow to blue gives clear evidence of the conditions attained, thus allowing a quick and easy assessment of the success of the process.

Conforms to ISO 11140-1 Type 6



Order Code	Quantity
2470	100 Indicators/Box
2471	100 Indicators/Box

Formaldehyde Load Check



Description

The Browne Formaldehyde Load Check uses the helix method as its barrier system, whereby formaldehyde has to penetrate down the helical tubing to reach the indicator.

Order Code	Quantity
2445	200 Indicators

Formaldehyde Process Detector Spots



Description

The Browne self-adhesive Formaldehyde Process Detector Spots should be placed on the outside of every pack being sterilized. The spots change colour after passing through the process allowing differentiation between processed and unprocessed loads.

Order Code	Quantity
2402	250 Spots/Box

Conforms to ISO 11140-1 Type 1



Formaldehyde Control Indicators



Description

The Browne Formaldehyde Control Indicators should be used inside each pack to demonstrate that Low Temperature Steam and Formaldehyde gas (LTSF) has penetrated the pack in sufficient quantity and for the correct length of time for sterilization to occur.

Order Code	Quantity
2401	100 Indicators

Conforms to ISO 11140-1 Type 4



Ethylene Oxide Spots



Description

For use in Ethylene Oxide Sterilizers. The Browne self-adhesive Ethylene Oxide Spots should be placed on the outside of every pack being sterilized. The spots change colour after passing through the process, allowing differentiation between processed and unprocessed loads.

Order Code	Quantity
2421	1000 Spots/Box

Conforms to ISO 11140-1 Type 1



MVI Ethylene Oxide Indicator



Description

When placed inside trays, packs or pouches, the Browne MVI Ethylene Oxide Indicators will confirm that the gas has penetrated to the point of placement.

Conforms to ISO 11140-1 Type 4

Order Code	Quantity
2563	250 Indicators



Ethylene Oxide Integrators



Description

For use in Ethylene Oxide Sterilizers. The Browne Ethylene Oxide Integrators should be placed inside each pack. The control indicator turns from red to green when adequate sterilizing conditions have been reached, giving the end-user assurance that adequate sterilizing conditions have occurred at point of placement.

Conforms to ISO 11140-1 Type 5

Order Code	Quantity
2420	100 Indicators



Gamma/Electron Beam Spots



Description

The Browne Gamma/Electron Beam Spots change colour allowing differentiation between processed and unprocessed loads. The self-adhesive spots should be placed on every pack being sterilized.

Conforms to ISO 11140-1 Type 1

Order Code	Quantity
3301	1000 Spots/Box



Vapour Strip



Description

The Browne hydrogen peroxide Vapour Strip is intended for use by healthcare providers for monitoring of the STERRAD® Sterilization System. The Vapour Strip is validated for use in STERRAD® NX and STERRAD® 100S Sterilizers. When placed inside trays, packs or pouches, the vapour strip will confirm that sterilant has penetrated to the point of placement.

Conforms to ISO 11140-1 Type 4

STERRAD® is a registered trademark of Advanced Sterilization products, Division of Ethicon Inc., a Johnson & Johnson company.

Order Code	Quantity
2501	200 Indicators



AB101 Porous & Hollow Steam Penetration Test



134 °C–137 °C for up to 3.5 mins

Description

The unique patented concept of AB101 Porous & Hollow Steam Penetration Test employs both the porous and the hollow principles in direct succession. The AB101 has been specifically designed and tested to confirm that steam penetration into both porous and hollow devices is rapid and even, and by implication that air and other non-condensable gases have been effectively removed.

EN ISO 17665-1

Conforms to ISO 11140-4 Type 2

Order Code

AB101

Quantity

Steam Test
400 Indicators



Bowie Dick Test Pack



121 °C for up to 8.3 minutes

Description

A unique combination of advanced Browne Intelligent Ink Technology and the original Bowie Dick concept. The Browne 121 °C TST Bowie Dick Test Pack has a maximum plateau of 8.3 minutes. This enables the sensitivity of a 121 °C Bowie Dick Test to be comparable to that of a 134 °C Bowie Dick Test.

Conforms to ISO 11140-4 Type 2

Order Code

2310

Quantity

20 Tests/Box



Bowie Dick Test Pack



134 °C–137 °C for up to 3.5 minutes

Description

The Bowie Dick Test Pack is a unique combination of advanced Browne Intelligent Ink Technology and the original Bowie Dick concept. A successful test confirms that steam penetration into a test pack is rapid and even and, by implication, that air and other non-condensable gases have been effectively removed. The chemical indicator sheet at the centre of the pack shows a defined colour change from yellow to dark blue/purple when exposed to a specific combination of time, temperature and steam.

Conforms to ISO 11140-1 Type 2

Order Code

2352

Quantity

20 Tests/Box



Browne Sensor Sheet



Description

The Browne Sensor Sheet is a calibrated sensor sheet with Browne Intelligent Ink Technology for use in a standard towel pack (ref 9053) EN 285.

Conforms to ISO 11140-3 Type 2

Order Code

2385

Quantity

50 Sheets/Folder



Plain Cotton Sheets



Description

The Browne Plain Cotton Sheets for use in small load thermometric test and traditional Bowie Dick Test.

Bleached white cotton sheets

Size: 900 mm x 1200 mm

Warp: 30 +- 6 threads per cm

Weft: 27 +- 5 threads per cm

Conforms to standard towel pack specifications given in EN 285

Order Code

9053

Quantity

36 Sheets/Box

TST Helix



Description

The Browne TST Helix is a hollow load Process Challenge Device (PCD) and has been developed and validated for testing the air removal (steam penetration) capability of small Type B steam sterilizers.

Conforms to EN 867-5

Order Code

3780

Quantity

TST Helix
250 Indicators

134 °C–137 °C for up to 3.5 minutes

Small Steam Sterilizer Test Packs



Description

Type B and Type S steam penetration testing. The TST Bowie Dick Small Steam Sterilizer Test Pack is a porous load Process Challenge Device (PCD) that has been developed and validated for testing the air removal (steam penetration) capability of specific brands of small Type B steam sterilizers.

Conforms to EN 13060 and EN 867-5

Order Code

2358

Quantity

10 Test Packs/Box

2365

10 Test Packs/Box

6536

20 Test Packs/Box

2356

10 Test Packs/Box

2352

20 Test Packs/Box



2358
TST Bowie Dick Test Pack for Eschmann Little Sister 3 Vacuum & SES 2000 Vacuum



2356
TST Bowie Dick Test Pack for W&H Lisa MB 17/22



2365
TST Bowie Dick Test Pack for Prestige Medical (22,16 & 11 L)



2352
TST Bowie Dick Test Pack for Matachana M20 - B



TST Load Check



Description

The Browne TST Load Check gives you confidence to release the load. Load control devices are designed to act as a challenge to the steam penetration capability of the sterilizer.



Order Code	Quantity
3777	400 Indicators 134 °C for 4 minutes/ 121 °C for 12 minutes
3778	400 Indicators 134 °C for 5.3 minutes/ 121 °C for 15 minutes
3779	400 Indicators 134 °C for 7 minutes/ 121 °C for 20 minutes
3783	400 Indicators 134 °C for 3.5 minutes

AB123 Spiral Load Check



Description

The Browne AB123 Spiral Load Check fully supports your steam sterilization parametric load release needs when used in conjunction with the fully validated range of Browne steam verification chemical indicators (below).

Order Code	Quantity
AB123	Each

AB123 Spiral Load Check Indicators



Description

Browne AB123 Spiral Load Check Type 5 and Type 6 Validated Chemical Indicators.

REF 3100

UNPROCESSED



Order Code	Quantity
3100 Type 5	250/Pack
3103 Type 6, 134 °C for 3.5 minutes	200/Box
3104 Type 6, 134 °C for 4 minutes	200/Box
3105 Type 6, 134 °C for 5.3 minutes	200/Box
3107 Type 6, 134 °C for 7 minutes	200/Box



MVI Steam Indicator



Description

Made without lead and non toxic, this patented Ink Technology is both safe to use and environmentally friendly – white to black colour change. When placed inside trays, packs or pouches, the Browne MVI Steam Indicators will confirm that steam has penetrated to the point of placement.

Conforms to ISO 11140-1 Type 4

Order Code	Quantity
2551	240 Indicators/Box



Browne 3100 Steam Integrating Indicators

REF 3100

UNPROCESSED



Description

Browne 3100 Steam Integrating Indicators
Long. Type 5 moving line chemical indicator.

Order Code

3100

Quantity

1000 Indicators/
Box (4 Pouches
x 250)



Browne 3101 Steam Integrating Indicators

REF 3101

UNPROCESSED



Description

Browne 3101 Steam Integrating Indicators
Short. Type 5 moving line chemical indicator.

Order Code

3101

Quantity

1000 Indicators/
Box (4 Pouches
x 250)



TST Control™ Indicators



ISO 11140-1
Type 6
KM 60358

Description

A complete range of emulating indicators to suit your steam sterilization needs. The Browne TST Control™ Indicators are calibrated to the specific cycle parameters of your sterilizer and are independently tested to ISO 11140-1 Type 6 performance criteria. A pass from the TST Control™ Emulating Indicator verifies exposure to conditions essential for sterilization has occurred.

NOTE: Please ensure you select the correct indicator for your steam sterilization cycle.



Order Code	Quantity
2317	200 Indicators
2340	100 Indicators
3727	100 Indicators
2341	100 Indicators
2302	200 Indicators
2342	100 Indicators
3726	100 Indicators
3725	200 Indicators
3760	200 Indicators
3702	200 Indicators
3706	200 Indicators
2375	200 Indicators

See product descriptions under images below



2317
Indicators 134 °C/3.5 mins 'Flash'



2340
Indicators 134 °C/3.5 mins



3727
134 °C/3.5 mins Self-Adhesive



2341
134 °C/4 mins & 121 °C/12 mins



2302
134 °C/5.3 mins & 121 °C/15 mins



2342
134 °C/5.3 mins & 121 °C/15 mins



3726
134 °C/5.3 mins & 121 °C/15 mins
Self-Adhesive



3725
134 °C/7 mins & 121 °C/ 20 mins
Self-Adhesive



3760
134 °C/7 mins & 121 °C/20 mins



3702
134 °C/9 mins



3706
134 °C/18 mins



2375
134 °C/4 mins and 121 °C/12 mins

Sterilization Control Tubes



Description

The Browne Sterilization Control Tubes are an effective and immediate visual check on sterilization conditions.

- Integrated 2 criteria control of temperature and time
- Ideal for fluid and dry heat sterilizers

Select the Control Tube to match your sterilization parameters (time/temperature) and distribute them throughout the load prior to sterilization.

Conform to ISO 11140-1

Order Code	Quantity
7301	100 Tubes Type 1 Black Spot Fluid Sterilization 121 °C/15 mins - Type 4
7302	100 Tubes Type 2 Yellow Spot Steam Sterilization 134 °C/3 mins - Type 4
7303	100 Tubes Type 3 Green Spot Dry Heat Sterilization 160 °C/60 mins - Type 6
7304	100 Tubes Type 4 Blue spot Dry Heat Sterilization 180 °C/12 mins - Type 6
7305	100 Tubes Type 5 White Spot Dry Heat Sterilization 160 °C/120 mins - 180 °C/35 mins - Type 6

Archive Envelope/Label Gun/Documentation Label



Description

The Browne Archive Envelope/Label Gun/Documentation Label. Documentation and labelling systems.

Order Code	Quantity
3788	Archive Envelope – re-sealable envelope for BD Test Sheet and Printouts
3789	Documentation Label – label features sterilization process details – duplex adhesive allows transfer to records. Process indicator replaces tape Conforms to ISO 11140-1 Type 1
3790	Label Gun 3 line for use with Documentation Label

TST Control™ Duplex Label



Description

Using the same technology as the TST Control™ Cycle Verification Indicators, this TST Control™ Duplex Label can create a direct link between the patient, the instruments and in-pack evidence of an effective sterilization cycle.

Conforms to ISO 11140-1 Type 1 and Type 6

Order Code	Quantity
5017	200 Indicators/Box



134 °C/3.5 minutes

TST Control™ Multi-Part Label



134 °C/3.5 minutes

Description

Using the same technology as the TST Control™ Cycle Verification Indicators, these Browne TST Control™ Multi-Part Labels create a direct link between the patient, the instruments and in-pack evidence of an effective sterilization cycle.

Conforms to ISO 11140-1 Type 1 & 6

Order Code	Quantity
5006	1500 Labels/Reel



Bespoke Process Indicator Labels

Description

Browne have a range of Bespoke Process Indicator Labels – please refer to your Browne representative who can advise on the product range.

The process indicator labels can be used with all types of commonly used printer and are available in a range of sizes and designs compatible with most computerised traceability systems. The labels can also be handwritten.

Order Code	Quantity
On request	

Bio Monitors



Description

The Browne Bio Monitors conform to the US Pharmacopeia XXIII and AAMI/ASI standards and ISO11138. Browne Bio Monitors contain a stated population of bacterial spores inoculated onto filter paper and placed inside a plastic culture tube. A crushable glass ampoule contains the culture medium for release after exposure to the sterilization process. Each box contains a certificate including Culture Collection number, Lot number, Expiry Date, Spore Population, Resistance data and Exposure in Biological Indicator Evaluation Resistometer (BIER).

Order Code	Quantity
2232	100 Units/Box Steam Processes 10 ⁵
2236	100 Units/Box Steam Processes 10 ⁶
2233	100 Units/Box Ethylene Oxide Processes

Incubator



Triple Temperature Incubator
37 °C/57 °C or 60 °C

Description

The Browne Triple Temperature Incubator 37 °C/57 °C/60 °C features 13 incubating cavities, an activation (crushing) cavity, power-on light and temperature selector switch. Please contact your Browne representative for order information.

Order Code	Quantity
2241	Universal Power Pack

BROWNE

Process Indicator Autoclave Tape

Description

Clear result interpretation. Traditional Process Indicator Autoclave Tape allows identification of processed from unprocessed items at a glance. The easily recognisable stripes change colour when exposed to the specific sterilant, verifying exposure to the process without the need to open packs or check records.

IMPORTANT: Please remember to confirm the tape dimensions when ordering.

Order Code	Quantity/Size
0151	48 Rolls/Carton - Ethylene Oxide - 18 mm x 50 m
0160	48 Rolls/Carton - Plain - 18 mm x 50 m
0161	36 Rolls/Carton - Plain - 24 mm x 50 m
0162	48 Rolls/Carton - Steam - 18 mm x 50 m
0163	36 Rolls/Carton - Steam - 24 mm x 50 m
0167	48 Rolls/Carton - Steam blue - 18 mm x 50 m
0168	36 Rolls/Carton - Steam blue - 24 mm x 50 m



0151
Ethylene Oxide
18 mm (3/4") x 50 m



0160
Plain
18 mm (3/4") x 50 m



0161
Plain
24 mm (1") x 50 m



0162
Steam
18 mm (3/4") x 50 m



0163
Steam
24 mm (1") x 50 m



0167
Steam Hi Tack
18 mm (3/4") x 50 m



0168
Steam Hi Tack
24 mm (1") x 50 m

VERIFY™ Assert™ Self-Contained Biological Indicator



Description

The VERIFY Assert Self-Contained Biological Indicator (SCBI) is a rapid read single-use biological indicator used for monitoring steam sterilization processes, providing a final read within 40 minutes of incubation.

Order Code	Description	Qty
LCB031	VERIFY™ Assert™ Self-Contained Biological Indicator	25/Box

Please note alternative sizes may exist. Please check selected product availability for your region.

VERIFY™ Assert™ STEAM Process Challenge Device



Description

The VERIFY Assert STEAM Process Challenge Device (PCD) is used to monitor dynamic air removal (prevacuum and steam-flush pressure-pulse) steam sterilization cycles performed at 270 °F/132 °C and 275 °F/135 °C and gravity cycles performed at 250 °F/121 °C and 270 °F/132 °C. Each PCD is a preassembled test pack that contains a VERIFY Assert Self-Contained Biological Indicator (SCBI) and a chemical integrator.

Order Code	Description	Qty
LCB032	For Dynamic Air Removal Cycles	25 Test Packs + 5 Controls
LCB033	For Dynamic Air Removal Cycles	25 Test Packs + 25 Controls
LCB043	For Gravity Cycles	25 Test Packs + 25 Controls

Please note alternative sizes may exist. Please check selected product availability for your region.

VERIFY™ Incubator for Assert™ Self-Contained Biological Indicators



Description

The VERIFY® Incubator for Assert™ Self-Contained Biological Indicators (SCBI) is a compact, tabletop incubator designed specifically for use with the VERIFY Assert SCBIs. The VERIFY Incubator heats the activated VERIFY Assert SCBIs to temperatures which promote the germination, metabolism, and subsequent detection of viable test organisms under evaluation.

Order Code	Description	Qty
LCB030	VERIFY™ Incubator for Assert Self-Contained Biological Indicators	1 Each

Please note alternative sizes may exist. Please check selected product availability for your region.

Celerity™ 20 HP Biological Indicator



Description

The Celerity 20 HP Biological Indicator is a rapid-read, single-use biological indicator designed to monitor vaporized hydrogen peroxide sterilization processes, providing a final read within 20 minutes of incubation. Validated for all models and cycles of V-PRO™ Low Temperature Sterilizers and STERRAD® NX, 100NX and 100S Systems.

Order Code	Description	Qty
LCB044	Celerity 20 HP Biological Indicator	25/Box
LCB046	Celerity™ HP Incubator	Single
LCB047	Celerity™ HP Challenge Pack	5 Packs

Please note alternative sizes may exist. Please check selected product availability for your region.





STERIS OFFICES WORLDWIDE

Benelux +32 (0)3 304 95 44
Canada +1 (0)905 677 0863
China +86 (0)21 6137 1166
France +33 (0)5 5693 9494
Germany +49 (0)221 4661 2030
India +91 (0)22 6278 4100
Italy +39 (0)02 213 0341

Japan +81 (0)3 5210 1521
Latin America +55 (0)11 3372 9499
Malaysia +60 (0)3 7954 9822
Singapore +65 (0)6841 7677
Spain +34 (0)91 658 5920
Switzerland +41 (0)32 376 0200
United Kingdom +44 (0)116 274 0600

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STERIS Corporation

Chancery House

Rayns Way

Leicester LE7 1PF

United Kingdom

Tel: +44 (0)116 274 0600

hcooperations_steris@steris.com

www.steris.com

Customer Operations EMEA

EMEA_Operations@steris.com

Tel: + 33 (0)5 56 939560