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We specialise in providing solutions and products that improve the productivity and effectiveness in the CSSD, Operating Theatre & Endoscopy Unit.

From expert advice on new theatre or CSSD designs to providing the latest digital operating theatre and instrument tracking technology, we have the products and experience to offer meaningful value to our customers.





Samed RT2-2020 Brochure

SafMed have been awarded the following items on the RT2-2020 Tender:

Item No.	Item Description	Item Model	SKU	Brand	Warranty	Lead Time	Maintenance	Page
	Examination Light LED,				24	8 - 10		
RT2-05-11	Wall Mount	HexaLux Wall Mount	EXLWALL	STERIS	months	weeks	2 Years	4
					24	8 - 10		
RT2-10-04	Ultrasonic Cleaner	SI Digital PC+ S	MED521035ZAF	Medisafe	months	weeks	2 Years	6
					24	8 - 10		
RT2-10-05	Heat Sealing Machine	F108 TX PROTEC	REELF30100554	Famos	months	weeks	2 Years	8
	Plasma Sterilizer,				24	8 - 10		
RT2-10-06	Low Temp 35-50L	VPRO S2	V60002501	STERIS	months	weeks	2 Years	10
	Plasma Sterilizer,				24	8 - 10		
RT2-10-07	Low Temp 85-110L	VPRO MAX 2	VP50002201	STERIS	months	weeks	2 Years	13
	Instrument Washer,				24	8 - 10		
RT2-13-01	Under Counter	IQ3	8183305	KEN	months	weeks	2 years	17
	Theatre Light,				24	8 - 10		
RT2-13-04	Ceiling Mount	XLED 2 & 3 SPOT	XLD3200DXW	STERIS	months	weeks	2 Years	19
	Theater Table,				24	8 - 10		
RT2-14-02	Bariatric	CMAX3	CMAX3	STERIS	months	weeks	2 Years	21



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Private Bag X115, Pretoria, 0001

RT2-2021

TRANSVERSAL CONTRACT FOR THE SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF MEDICAL EQUIPMENT TO THE STATE FOR THE PERIOD 1 DECEMBER 2021 TO 30 NOVEMBER 2024

ANNEXURE 1 REVISED LIST OF AWARDED ITEMS

SAFMED (PTY) LTD

Note: Awarded prices will be reviewed on the Contract Pricing that will be published at National Treasury's website

http://www.treasury.gov.za/divisions/ocpo/ostb/contracts/default.aspx

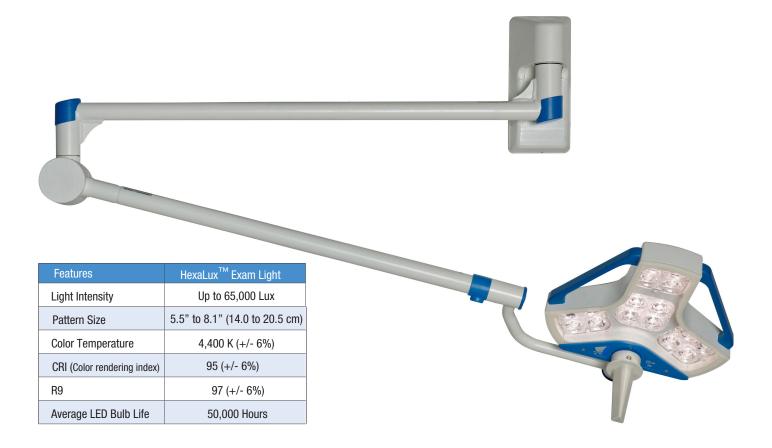
#	Item Number	Item Description
1	RT2-05-11	Examination Light, LED, Wall-mount
2	RT2-10-04 (Offer 2)	Ultrasonic Washer (30L)
3	RT2-10-05 (Offer 2)	Heat Sealer
4	RT2-10-06	Plasma Sterilizer 35-50L
5	RT2-10-07	Plasma Sterilizer 85-110L
6	RT2-13-01	Instrument Washer, Under-counter
7	RT2-13-04	Theatre Light, Ceiling-Mount
8	RT2-14-02	Theater Table, Bariatric

END

Page 1 of 1



RT2-05-11 - Examination Light LED, Wall Mount STERIS HexaLux Wall Mounted Examination Light



The wall-mounted HexaLux examination light simultaneously offers great span to provide close-up lighting and can also be folded back when not in use, thus freeing up space. It delivers up to 65,000 lux of pure, white LED light and includes five light intensity levels. The central handle can be removed and sterilized allowing control of all light features from the sterile field.

The HexaLux Exam Light has a high R9 value — 97 — and is designed to last over 50,000 hours. The horizontal extension arm and spring arm ensure sufficient lighting is extended over the bed providing a range of 1.762 m coverage. It provides easy movement of the light with just one hand. The HexaLux Exam Light has an adjustable pattern of 16cm at 50cm and 21cm at 100cm working distance and remains cool during procedures.



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STERIS HexaLux Exam Light Specifications



High-quality materials

HexaLux is designed from high-quality materials, guaranteeing constant performance, whatever the application (small wounds, sutures, clinical examination, diagnostics, etc.).



Aluminium light head and yoke

The HexaLux, cast aluminium light head and yoke are both robust and light, offering great comfort of use. Its excellent heat dissipation properties enable it to maintain lighting performance over time.



First grade LEDs and superior optical qualities

HexaLux examination light generates homogeneous white light (4400 K), offering excellent colour restitution (Ra = 95). Its service life of more than 50,000 hours is compatible with the needs of daily use.



SUITABLE FOR DAILY USE

Examination lights take quite a battering. Moved, folded away, constantly handled, it is put to severe test. HexaLux is a robust examination lighting system, designed to withstand intensive daily use.



One-Click control

To simplify its use, all HexaLux features are directly available from the central handle:

- Turn the light on or off
- Adjust the light intensity
- Adjust the light spot size

The handle can be sterilised, thus enabling its use for minor surgical procedures.



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RT2-10-04 - Ultrasonic Cleaner Medisafe SI Digital PC+ S



The SI digital PC+ S has been designed to thoroughly clean (remove tissue, blood, and other contaminants from) a variety of reusable surgical instruments. This ultrasonic cleaner cleans all types of surgical instruments and is also able to clean both the interior and exterior of lumened instruments, as it offers Sonic Irrigation with CPE® (Cannulated Pulse Enhancement).

The SI Digital PC+ 'S' system monitors the critical cleaning process parameters such as time, temperature and ultrasonic power in accordance with current guidance and international standards. It can be recorded permanently through a discreetly placed 'data-port', which intelligently detects whether you wish to keep the information on a database system, or simply connect a printer for 'hard-copy' print out for 'traceability' and compliance requirements.



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Medisafe SI Digital PC+ S Specifications

- Enhanced sonic generator for Sonic Irrigation
- Reflectasonic chamber extra-long service life
- Temperature controller with maximum of +60 °C, this controller is • adjustable, the unit will operate at an ambient range of $(5^{\circ}C-40^{\circ}C)$
- Electronic timer that is visible on the digital screen, with every stage of the • wash cycle - the timer counts down remaining time for the stage
- Output power 320W (40W x8), this is a benefit as the unit uses less power •
- New user friendly control system
- USB port connectivity
- 28L tank total capacity (709mm X 458mm X 364) The unit will be able to accommodate an instrument of 580mm in length
- Process up to 12 cannulated instruments with CPE® (Cannulated Pulse • Enhancement)
- Load performance optimisation
- E-Zee load tray system compatibility
- Process Interlock lid

Standard Accessories:

RT2-2020 Accessories	Product Code
1x Box of 10 Assorted Distal Connectors	
1x Pack of 12 Hoses & Luers	MED521035ZAF
1x Pack of 24 Disposable Filters	
1x Pack of 6 Y Connectors	
1x EZ Load Basket1x EZ Load Basket	



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RT2-10-05 - Heat Sealing Machine Famos F108 TX PROTEC



The Famos F108 TX Protec is specially designed for the heat sealing of sterilization packaging material used to protect instruments. It has a menu controlled operation and microprocessor controlled system. Digital temperature setting and control are possible through the LCD display.

The Famos F108 TX Protec is additionally equipped with an automatic transport start and reverse transportation feature, which ensures safety and prevents both instruments and the sealer itself from getting damaged. It is equipped with another safety feature that stops the machine from sealing when there is a temperature difference of 5°C in regard to the set temperature and the temperature that is actually being measured. Due to Famos Heat Sealers being rotary systems, only a small amount of surface contact occurs at any one given time. This provides our customers the benefit of no temperature loss or temperature variances even with continuous Heat Sealing.

According to DIN ISO 11607-2 the sealing process needs to be validated. For this purpose parameter control has been integrated in the F108 series. This function continuously monitors the parameters temperature, pressure and speed. In case one of the parameters is incorrect, a warning message with sound alarm will be displayed and the machine will stop sealing.



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Famos F108 TX PROTEC Specifications

- Dimensions With Roller Front Table 620x289x137mm (LxWxH)
- Completely made of AISI 304 stainless steel
- Suitable for sealing: Laminate packaging material, Paper Packing Material, Tyvek packing material
- Comes with as standard, auto transportation start and reverse
- Displays the temperature and allows user to adjust temperature with the keyboard below the LCD display
- Temperature tolerance of 1% conforms to DIN 58953-7 (Safety Standard)
- Standard speed of 8 m/min
- Self adjusting pressure sensor during the sealing process
- Equipped with resettable production counter with an alarm
- The unit has a safety auto insert feed (within the of range +- $5^{\circ}C$)
- The day counter is resettable. If switched off at the end of the day the counter will reset to 000

Standard Accessories:

RT2-2020 Accessories	Product Code
F108 Roller Front Table	REELF30100620



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RT2-10-06 - Plasma Sterilizer, Low Temp 35-50L STERIS V-PRO S2 VHP Low Temp Sterilizer



V-PRO[™] Sterilizers - Transforming low temperature sterilization through:

PERFORMANCE Faster cycle times and industry leading cycle claims will allow for a guick device turnaround and maximising the number of devices per load.

RELIABILITY Broad range of device manufacturer endorsements. V-PROTM Sterilizer's moisture-check functionality detects residual moisture in loads, thus minimising aborted cycles and enabling greater reliability in device turnaround.

SAFETY for the User, the Patient, the Medical Devices and the Environment. No toxic residues, only oxygen and water.

The V-PRO s2 Low Temperature Sterilization System using vaporized hydrogen peroxide sterilant (VAPROX® HC) is intended for use in the terminal sterilization of properly prepared (cleaned, rinsed and dried) medical devices in Healthcare Facilities. The pre-programmed Sterilization Cycles (Lumen Cycle, Non Lumen Cycle, Fast Cycle and Flexible Cycle) operate at a low temperature and are thus suitable for processing medical devices without leaving toxic residues. The V-PRO s2 is a free standing unit with a 60L usable chamber volume and is constructed of stainless steel. The operating temperature of the V-PRO s2 is approximately 50°C in order to safely process heat sensitive instruments. The unit has an 8.4 inch digital screen, with user friendly icons and messages, as well as warnings and alarms. The display also shows the cycle in use, date and time and a printout will capture dates and time of every process of every cycle.



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STERIS V-PRO s2 Specifications

PERFORMANCE

- 60 L chamber = 60 L usable volume
- Fast cycle 19 min Non lumen devices and rigid lumens
- 39 minutes for complete cycle and BI readout
- Conditioning phase; included in cycle time
- Mixed Loads Flexible cycle
- Simple, double and triple channel rigid scopes /Simple and double channel flexible scopes
- 30 Fast cycles / 20 standard cycles per cup

RELIABILITY

- Digital Record Keeping with STERIS ConnectAssure software (optional extra)
- USB cycle download 300 cycles
- V-PRO Device Compatibility Matrix
- RFID technology on VAPROX[™] HC Sterilant Cups for expiry date verification
- V-PRO Sterilizer's moisture-check functionality detects residual moisture in loads, thus minimising aborted cycles and enabling greater reliability in device turnaround

SAFETY

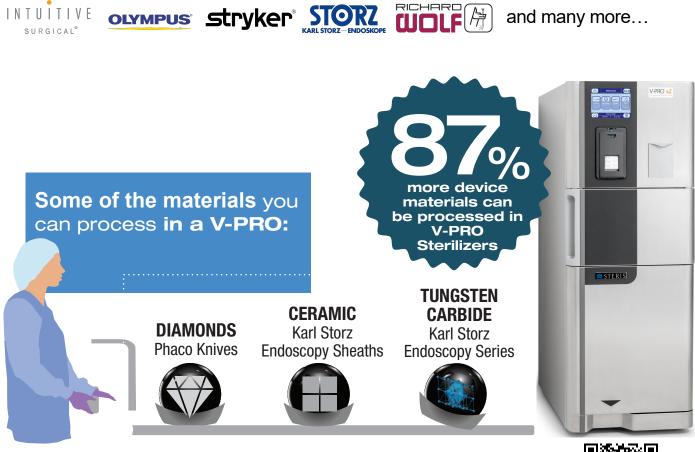
- Hands-free Chamber access foot sensor
- "Cycle Pass" for easy interpretation
- User friendly interface
- Instructional videos and reminders
- · Compatible with a multitude of devices and materials
- Less H2O2 residuals





STERIS V-PRO s2 Device Compatibility

Broad device manufacturers endorsements from:



Discover our online compatibility matrix!

We constantly update a long list of instruments validated for use in V-PRO Sterilizers www.steris.com/products/vpro



Standard Accessories:

RT2-2020 Accessories	Product Code
Celerity™ 20 Vaporized VH2O2 Process Indicators (200 in a box)	PCC075
Celerity™ HP Incubator	LCB046
Celerity 20 HP Biological Indicator (25/Box)	LCB044
Vaprox HC Sterilant (3 X Cups in Case = 60 cycles) RFID	PB011
Thermal Printer Paper -10 rolls	10092606
Instrument Trays	MMINSTRU48256



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RT2-10-07 - Plasma Sterilizer, Low Temp 85-110L STERIS V-PRO maX 2 VHP Low Temp Sterilizer



V-PRO[™] Sterilizers - Transforming low temperature sterilization through:

PERFORMANCE Faster cycle times and industry leading cycle claims will allow for a guick device turnaround and maximising the number of devices per load.

RELIABILITY Broad range of device manufacturer endorsements. V-PROTM Sterilizer's moisture-check functionality detects residual moisture in loads, thus minimising aborted cycles and enabling greater reliability in device turnaround.

SAFETY for the User, the Patient, the Medical Devices and the Environment. No toxic residues, only oxygen and water.

The V-PRO Max2 Low Temperature Sterilization System using vaporized hydrogen peroxide sterilant (VAPROX® HC Sterilant) is intended for use in the terminal Sterilization of properly prepared (cleaned, rinsed and dried) medical devices in Healthcare Facilities. The pre-programmed Sterilization Cycles (Lumen Cycle, Non Lumen Cycle, Fast Cycle and Flexible Cycle) operate at low pressure and low temperature and are thus suitable for processing medical devices without leaving The V-PRO maX 2 is a free standing unit with a toxic residues. 136L usable chamber volume constructed stainless and is of steel. The operating temperature of the V-PRO maX 2 is approximately 50°C in order to safely process heat sensitive instruments. The unit has an 10.4 inch digital user friendly icons and messages, as well as warnings and screen. with alarms. The display also shows the cycle in use, date & time and a printout will capture dates and time of every process of every cycle.



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STERIS V-PRO maX 2 Specifications

PERFORMANCE

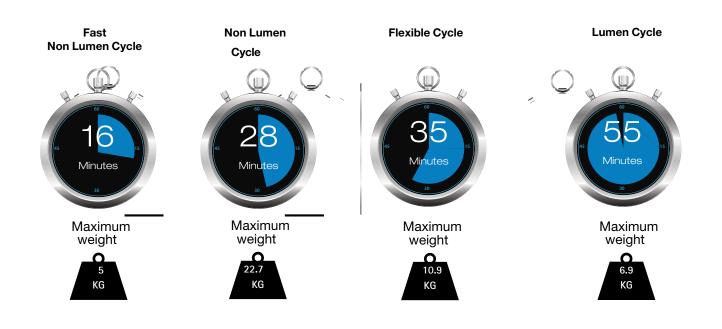
- 16 minute Fast Non-Lumen Cycle (5kg)
- Fastest Terminal Sterilization 36 minutes for complete cycle and BI readout
- Conditioning phase; included in cycle time (standard)
- 23 kg Non-Lumen Cycle
- Mixed Loads Flexible Cycle

SAFETY

- Gentler, plasma-free cycles are always 59% H2O2 at a lower temperature to minimize device damage
- VHP breaks down to O2 and H2O
- Hands-free chamber access foot pedal

RELIABILITY

- V-PRO Device Compatibility Matrix
- RFID technology on VAPROX[™] HC Sterilant Cups for expiry date verification
- Digital Record Keeping with STERIS ConnectAssure software (optional extra)
- V-PRO Sterilizer's moisture-check functionality detects residual moisture in loads, thus minimising aborted cycles and enabling greater reliability in device turnaround





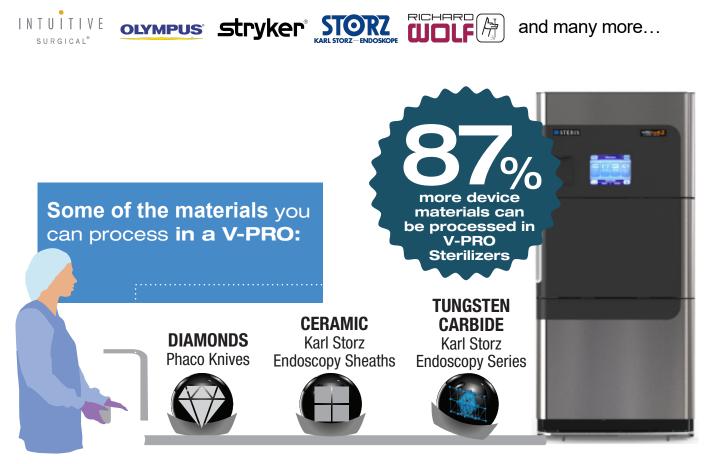
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STERIS V-PRO maX 2 Device Compatibility

Broad device manufacturers endorsements from:



Discover our online compatibility matrix! We constantly update a long list of instruments validated for use in V-PRO Sterilizers www.steris.com/products/vpro



Standard Accessories:

RT2-2020 Accessories	Product Code	
Celerity™ 20 Vaporized VH2O2 Process Indicators (200 in a box)	PCC075	
Celerity™ HP Incubator	LCB046	
Celerity 20 HP Biological Indicator (25/Box)	LCB044	
Vaprox HC Sterilant (3 X Cups in Case = 45 Standard Cycles/90 Fast_cycles) RFID	PB011	
Thermal Printer Paper -10 rolls	10092606	
Instrument Trays	MMINSTRU48256	



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Samed CELERITY 20 HP BIOLOGICAL INDICATOR



The Celerity 20 HP Biological Indicator is a rapid-read, single-use biological indicator designed to monitor vaporized hydrogen peroxide (VHP) sterilization processes. This VHP biological indicator provides a final read within 20 minutes of incubation. The biological indicator is self-contained, reducing the risk of contamination and consequent false positives. Each biological indicator (BI) vial is inoculated with Geobacillus stearothermophilus bacterial spores and contains a defined media within the vial cap. The vial cap label features a process indicator for hydrogen peroxide sterilization.

Features:

- Fast 20-minute results for load monitoring
- Easy to use twist and flick activation means no separate activator needed •
- Glass-free BI design reduces potential for injury from broken glass •
- Integrated barcode label makes electronic documentation easy •
- Conforms to ISO 11138-1:2017
- The process indicator on the BI vial cap meets the Type 1 chemical indicator requirements of ANSI/AAMI/ISO 11140-1:2014

Visit www.safmed.co.za to see the IFU.



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RT2-13-01 - Instrument Washer, Under Counter KEN IQ3 Washer Disinfector



The KEN IQ3 is designed to leave a small environmental, operational, and financial footprint. It is equipped with all the features and programs well known from IQ4, IQ5 and IQ6. Printer, RFID recognition, and various racks can be offered to suit the customer's needs. i.e. day surgery clinics dental facilities - wards - etc.

The elegant design provides a smooth surface in tempered glass that is easy to clean. The IQ3 has a manual door opening that allows for the door to be used as a loading platform.



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KEN IQ3 Specifications:

External dimensions	H: 840 x W: 900 x D: 630 mm	
Weight excl. / incl. packaging	135 / 142 kg	
Operative volume, wash chamber	150 L	
Total volume, wash chamber	180 L	
Capacity DIN-baskets 480x250x50mm	4 x 2	
Cycle time, standard	40-60 min	
Condenser	Standard	
Water connections	2 x 3/4 (2x optional)	
Cold water	200-800kPa, ≥ 10 L/min, 5-30°, 0-30° dH	
Hot water	200-800kPa, ≥ 10 L/min, 30-70°, 0-3° dH	
Demineralized / RO water	200-800kPa, ≥ 10 L/min, 5-70°, conductivity 3-200 µS	
Washing / Drying	<58 dB (A) / <54 dB (A)	
Water consumption per phase	Approx. 8-14 L (depending on rack)	
Power supply options	3×230-415V AC + N + PE, 50/60 Hz 7 kW, 11.5 A	
Printer	Optional	
Programs available	10 standard + 30 optional	
Drain	ø32 mm, minimum flow requirements 14 L/min.	

Standard Accessories:

RT2-2020 Accessories	Product Code
Heat Resistant Gloves	HEA002
10 x Thermal Printing Paper Rolls	IQ THERM PR
4 x DIN Instrument Trays	2938090
Cleaning Detergent	SERCHEMDS1080D
	(Serchem Maximum pHPlusDS 1x5L)



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Samed Serchem Maximum pH Plus DS



Serchem Maximum pH Plus D.S. is a Double Strength Alkaline Hospital Instrument Cleaner for use in washer disinfectors, ultrasonic baths and flexible endoscope processing. Serchem Maximum pH Plus D.S is safe for use on Stainless Steel, Aluminium, Anodised aluminium, Chromium plated material, Synthetic materials, Rubber, Latex, Glass, Ceramics, Copper, Brass & Metal alloys.

Features:

- Alkaline Detergent
- Excellent compatibility with soft metals
- Concentrated allowing additional savings on usage, storage and transport



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RT2-13-04 - Theatre Light, Ceiling Mount STERIS XLED2 Spot & XLED3 Spot



The light emitted by the white LEDs used in the XLED[™] surgical lights is pure, homogeneous and remains constant. Its colourimetric characteristics do not vary over time and offer wide range of benefits. Colours are clearly visible due to excellent colour rendering (Ra=95), especially for red tone (R9=97) for tissue and vein identification. It is a simple and efficient system where the white LEDs do not require recalibration over time.

The XLED2 spot is 110 000 Lux & the XLED3 spot is 160 000 Lux offering a 50 000 hour lifespan. The XLED Surgical Lighting System is mounted on a dual cardanic arm that allows the light to be positioned either vertically or horizontally to accommodate the procedure. The XLED lighthead & spring arm can rotate 360°. The aluminium foundry cover of the XLED offers excellent protection against scratches. There are 20 LED's per spot to eliminate any shadows. The XLED2 spot pattern diameter is 160mm - 250mm and the XLED3 spot pattern diameter is 250 - 300mm. Adjusting the pattern diameter is achieved by rotating the light handle on the lighthead. The design of the XLED has smooth, flat surfaces, allowing for easy cleaning. The light handles are removable and sterilisable.

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STERIS XLED2 Spot & XLED3 Spot Specifications

- The XLED2 spot is 110 000 Lux & the XLED3 spot is 160 000 Lux
- 50 000 hour lifespan
- XLED2 spot pattern diameter is 160mm 250mm and the XLED3 spot pattern diameter is 250 300mm
- Depth of illumination at 20% Ec measures 1140mm
- Dimming is possible from 40% 100%
- Ambient Lighting as standard ideal for minimally invasive surgeries
- Exclusive Wavelens system: simple and intuitive control to instantly adjust the pattern size by rotating the sterilisable handle
- Mounted on a dual cardanic arm that allows the light to be positioned either vertically or horizontally to accommodate the procedure
- Each joining point on the dual cardanic arm has adjustable brakes to facilitate easy movement and adjustment
- XLED lighthead & spring arm can rotate 360°
- The aluminium foundry cover of the XLED offers excellent protection against scratches
- 20 LED's per spot perfectly superimposed to eliminate any shadows
- Design of the XLED allows for easy cleaning and has smooth, flat surfaces and the light handles are removable & sterilisable
- The modular design of the XLED surgical lights with 2 & 3 spots minimizes the obstructing surface and therefore allows excellent laminar flow compatibility

Standard Accessories:





RT2-14-02 - Theater Table, Bariatric STERIS CMAX 3 Surgical Table



The STERIS CMAX 3 Surgical table is the outcome of continuous consultation with surgeons and doctors. Certain specialists, such as those who do minimally invasive and endoscopic surgery, expressed their need for extra-low tables to enable more practical intervention, plus optimal comfort and access. By combining a 45° Trendelenburg and 454mm slide, the CMAX® surgical table is ideal for bariatric surgery (500kg positioned over centre column, 270kg off centred), bringing the lowest setting to 27 cm.

The STERIS CMAX 3 Surgical table has a maximum height of 1100mm, a lateral tilt of 25° and a reflex position of 120°. 4 self-levelling lockable castors on the table base ensure that the table is locked into place. It can run for up to one week operation (and up to 80 – 100 procedures) on internal battery power.



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Free State Tel: 082 686 8075



STERIS CMAX 3 Surgical Table Specifications

- Universal multi-speciality surgical table •
- Extra-low intervention positioning of 58cm without sacrificing the maximum • height of 110cm (dual telescopic column)
- Two-way 454mm slide •
- Optimal width table top 52cm wide •
- Radiolucent table top along the entire length •
- Table top articulation offset to the column •
- Narrow column centred under the table top •
- Maximum weight capacity 500kg positioned over centre column, 270kg • off centred
- Compatible with all existing CMAX® surgical table extensions and • accessories
- Interchangeable headrests and leg positioners •
- Excellent battery autonomy •

Mechanical Specifications

- Raising/Lowering......1100mm/580mm (travel 520mm)
- Left lateral incline/Right lateral incline......25°/25°
- Trendelenburg/Reverse Trendelenburg......45°/-30° .
- Raising back/Lowering back......90°/90°

- and leg positioners)
- off centred.
- Floor clearance/Wheel diameter......16mm/100mm



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STERIS CMAX 3 Surgical Table Specifications

Exceptional performance in terms of patient weight capacity for bariatric and abdominal surgery.



Accessories:

RT2-2020 Standard Accessories	Product Code
Height Adjustable Arm-Boards (Pair)	TAB071F
Goepel Leg Supports	TAB376A
Flexible Anaesthesia Screen	TAB005
Trolley for Accessories	TAB750
RT-2020 Bariatric Accessories	Product Code
Set of Table Extenders 240x100mm including Cushions	TAB737
Thigh Straps	TAB780
Foot Stop Board	TA0303159
710mm Wide Foot Extension	TA0303159
Pair of Compensated Leg Supports	LEG GYN
Pair of Articulated Leg Support with Cranks for Coelioscopy and Bariatric Surgery with Cushion	LEG50C/L050W



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SP2.1.1 SF91 Rev.0

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ABOUT Samed

- B-BBEE Level 1 Contributor
- > ISO 13485:2016 Accredited
- Member of SAMED
- Medical Device License Numbers:
 - Cape Town 00000243MD (Manufacture/Distribute)
 - Johannesburg 00000227MD (Manufacture/Distribute)
 - Cape Town 0000680MD (Wholesale)
 - Johannesburg 00000643MD (Wholesale)

