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STEROX system


Characteristics	Specifications	Values
Products		
	SteriBase	SKU-0001
	SteriBox	SKU-0002
Use specifications		
	Medical Device class (MDD 93/42/EEC)	2B
	Compatible materials	Stainless Steel Rigid polyvinyl chloride (PVC)* Polyamide (nylon)* Polypropylene* Polyetherimide* Polytetrafluoroethylene (PTFE) - Teflon™* Silicone* Polymethyl methacrylate (PMMA)* Plexiglass™* Low density polyethylene (LDPE)* Pyrex™* High density polyethylene (HDPE)* Anodized aluminium*
	Sterilization agent	Ozone gas
	Temperature range	5-45°C
Cycle time		
	Ozone generation time	10 minutes
	Incubation time	6 hours
	Ozone elimination time	5 minutes
Maximum daily sterilization		
	Cycles	120 cycles/day
	Volume (STU)	60 STU/day
	Volume (Litres)	3240 Liters/day
Patents		
	Method and arrangement for sterilization and storage of medical devices	WO 2014122230 A1
	Blister pack for storage and sterilization of inside contained objects	WO 2014122226 A2
Applicable standards / Certifications		
	Sterilization of health care products	ISO 14937
	Medical Device - Quality Management System	ISO 13485
Related products		
	Chemical indicator and blotting paper	SKU-0003
	Water distributor	Seripettor®
	Paper roll sticker	RCT57x50
	Pack "cleaning and disinfecting products"	-
Installation and training		
	Duration	1 day

*Ozone sterilization compatibility deemed reliable from the literature. Validation in process.

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SteriBase SKU-0001

Characteristics	Specifications	Values
Reference		SKU-0001
Physical specifications		
	External dimensions (L x W x H)	40.0 x 30.0 x 45.0 cm
	Weight	21 kg
	Mains supply	110/240 V – 50/60 Hz
	Nominal power	150 W
	Input fuse	1 A
Usage specifications		
	Temperature range	5-45 °C
	Humidity range	5-95 % RH
Applicable standards / Certifications		
	Sterilization of health care products	ISO 14937
Warranty		
	Duration	2 years or 2,000 sterilization cycles
Maintenance		
	Duration	Every 10,000 sterilization cycles
Design specifications		
	External materials	Stainless steel and aluminium
	Colors	Grey and red
User specifications		
	Ergonomics	Light structure and transportable
	Autonomous	Up to 50 sterilization cycles autonomous (depending on battery - not included)
	Maintenance	Easy surface clean-up
	Technology	UV lamps to generate and to eliminate ozone
	Validation cycle	Automatic validation system
	Output	USB stick
Touchscreen		
	Size	7"
	Traceability	Storage management with the graphical user interface
	Language	FR/EN
Printer		
	Specifications	Thermal printer
	Paper roll	Stickers
	Stickers size	10.0 x 5.7 cm
Battery (not included)		
	Type	Car battery (any lead acid)
	Nominal voltage	12 V
	Available space (L x W x H)	19.5 x 19.5 x 21.0 cm
	Connections	Battery terminal
Storage		
	Temperature range	0 - 60 °C
	Humidity range	5 - 95% RH

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SteriBox SKU-0002

Characteristics	Specifications	Values
Reference		SKU-0002
Subparts		
	Lid	SKU-0002-A
	Bottom	SKU-0002-B
	Module	SKU-0002-C
Physical specifications		
	External dimensions (L x W x H)	63.0 x 31.0 x 19.0 cm
	Chamber dimensions (L x W x H)	54.0 x 25.0 x 10.0 cm
	Chamber volume	13.5 L
	Standard size	Din 1/1
	Weight	5 kg
	Loading quantity	10 kg
Usage specifications		
	Temperature	15-40 °C
	Humidity	5-95 % RH
	Duration of conserved sterile state	1 Year*
Applicable standards / Certifications		
	Packaging for terminally sterilized medical devices	ISO 11607
Warranty		
	Duration	3 months
Design specifications		
	Materials	PBT
	Colors	White and red
User specifications		
	Air tightness	Silicon gasket
	Materials	Shock-proof and water-resistant
	Ergonomics	Light structure ensuring an intuitive and easy handling
	Maintenance	Easy clean up
Box ID		
	Default numbering	Included
	Customization numbers	Optional
Storage		
	Temperature range	5 – 45 °C
	Humidity range	5-95 % RH
	Sun exposure	Keep away

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Consumables SKU-0003

Characteristics	Specifications	Values
Reference		SKU-0003
By-products		
	Chemical indicator	SKU-0003-A
	Blotting paper	SKU-0003-B
Physical specifications		
	Quantity	150 pieces of each
	External dimensions (L x W x H)	6.3 x 7.3 x 7.2 cm
	Weight	0.5 kg
Usage specifications		
	Sterilization cycle capacity	150
	Usability	Single use
Applicable standards / Certifications		
	Sterilization of health care products - Chemical indicators	ISO 11140
Shelf life		
	Duration	3 years
Blotting paper - Design specifications		
	Quantity	150 pieces
	Dimensions (L x W x H)	6.0 x 16.0 cm
	Materials	Blotting paper
	Color	White
Chemical indicator - Design specifications		
	Quantity	150 pieces
	Dimensions (L x W x H)	1.5 x 2.5 cm
	Materials	Sticker indicator
	Color	Blue
	Indication principle	Standard color change
Storage		
	Temperature range	5-45°C
	Humidity	5-95% RH
	Sun exposure	Keep away from