Lab - World

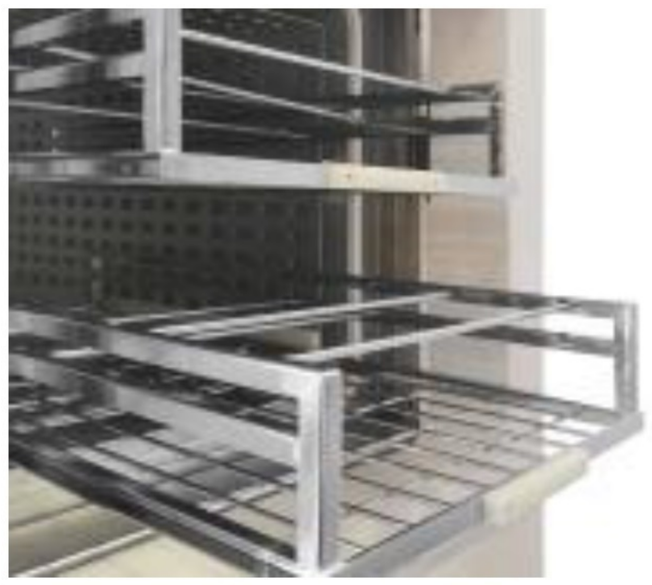
STER-E 150

H_2O_2 Low Temperature Plasma Sterilizer

Advandages

- Four preset cycles:
  Short Cycle: for instruments with simple surfaces
  Standard Cycle: for instruments with lumens
  Endo Cycle: for max. 2 pcs of flexible endoscopes
  Drying Cycle: for drying of pre-dried lumens
- H2O2 concentration detection (optional)
- Build-in biological incubator
- Higher chamber humidity resistance, less cycle cancellations
- Soft heating technology for even-distributed chamber temperature
- Upgraded vacuum technology for better protection of instruments
- Noise ≤55dB
- Superior material: Aviation aluminum
  5052 (T=16mm), Panel (T=6061, T=20mm)
- Standard retractable loading shelves
- Standard foot door switch for opening/closing chamber door
- Standard build-in biological incubator
- Display: 10 inch TFT touch screen
- Capable to connect various HIS system, CSSD tracking system

Easy Operations



Retractable Shelves

Complete Range of Consumables

CE

Technical Specifications:

Category	Parameters		
Chamber	Shape & Dimension (WxHxD)	Rectangular, 520x450x800mm	
	Total Volume / Usable Volume	187L / 146L	
	Working Temperature	45 – 55° C	
	Shelves	2 retractable s. s. shelves can be divided into 2, 4, 6 layers, 15Kg/shelf	
	Observation Port	Available	
	Structure	One time bended without supporting frames for more even heat distribution	
	Heating	Circular heater covering all around chamber for faster heating and even heat distribution	
	Resistance	4mm fine woolen felt for better heat keeping and energy saving	
	Material	Aviation grade aluminum alloy panel (5052, T=16mm)	
Cassette	Number of capsules	12	
	H2O2 Concentration	≥58%	
	Consumption	Short cycle: 1 capsule	Standard cycle: 2 capsules / Endo Cycle (Optional): 2 capsules
Mechanical	Shape Dimension (WxHxD)	800x1800x1130mm	
	Net Weight	500Kg	
	Packing Dimension (WxHxD)	940x2000x1260mm	
	Gross Weight	600Kg	
Power Supply	Rated Power Input	AC 3 phase 380V-415V 50Hz / 220V 60Hz, 3.6KVA	
	Constant Temperature	1.8KVA	
	Standby	Approx. 160W	
Preset Cycles	Sterilization Cycles	Short Cycle: 32mins	Standard Cycle: 45mins / Endo Cycle (Optional): 50mins
	Drying Cycle	(Optional) 20mins	
Lumen Claim	1mm ID PTFE	1000mm, single channel	
	1mm ID S.S.	2000mm, single channel	
Records	Build-in Memory	For storage of more than 20,000 cycle data	
	Printer	Build-in impact printer	
Installation	Placement	Freestanding with 4 castors to provide mobility	
	Min. Space Required	1400x2250x1600mm	
Ambient	Temperature & Humidity	5 – 40 ° C, 30 – 90% non-condensing	
	Pressure	700hPa – 1060hPa	
Others	H2O2 Concentration Monitoring	Optional	
	Noise	≤65dB	
	Connectivity	Available to connect to HIS, CSSD tracking systems of various brands	
	Display & Control	10" TFT touch screen	
	Certificates	ISO9001:2015 / ISO13485:2016 / ISO14937:2000 / MDD 93/42/EEC+2007/47/CE	

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