H2O2 Gas Sterilizer TSP 160LT Technical Datasheet

Size of Chamber	
Cell Volume	135L
Cell Depth	780 mm
Cell Width	450 mm
Cell Height	420 mm
Drawers	2 pcs

Dimensions		Single Door	
Door Type		**Fully automatic vertical sliding door**	
External dimension		**160 L**	
Device Depth		1530 mm	-
Device Width		800 mm	-
Device Height		1750 mm	-

Drawer size of 160 Lt.: 635x330x90mm (LxWxH)

ERYIGIT H2O2 Gas Sterilizer is designed and manufactured in compliance with the following requirements and standards:

Medical Device Directive	: 93/42/EEC as amended by directive 2007/47/EC
Device Classification	: Class IIb, acc. To EC MDD 93/42/EEC 2007/47/EC (Annex IX)
Low Voltage Directive	: 2006/95/EC - EN 60601-1-1
EMC Directive	: 2004/108/EC EN 60601-1-2
RF Power Generator	: 55011
Quality Management System Requirements	: EN - ISO 9001
Medical Devices – Quality management systems – Requirements for regulatory purposes	: ISO 13485
Environmental Management Systems – Requirements with guidance for use	: ISO 14001

Device	
Control System	PLC (Programmable Logic Controller)
Operation Mode	Fully Automatic / Button Command
Display Type	Color TFT, LCD Touch Screen
Display Sizes Available	7,0"
Key Pad	Touchscreen
Printer	32 Character/line, integrated thermal printer
Communication	RS232 Port
Warning System	Visual & Audio & Printed
Monitoring	Touchscreen
Mobility	Easy positioning on 4 castors (2 x swivel) and firm fixing on suspension legs.

Standard Programs
P1: FAST
P2: STANDARD
P3: INTENSIVE

Safety & Quality Features
√ Protects operator from electrical current leaks.
√ Emergency stop button.
√ Hepa filter for filtration.
√ Password protection.

Temperature
Range 50°C - 60°C (chamber)
Measurement (5 x PT 100 (DIN Class A) Sensors

Chamber	
Test Pressure	100 Millitorr
Test Temperature	50-60 °C
Working Temperature	55 °C
Working Pressure	760 Torr - 500 Millitorr

Construction
Body (Electrostatic powdered profile steel/AISI 304 stainless)
Chamber (Aluminium 5000 Series)
Door (Aluminium 5000 Series)
Panels Surrounding (Aluminium 5000 Series)
Chamber (Plated)

Installation Requirement	
Power	16 kW, 3 Phases / 380 VAC ±10

Optional Spare Parts
Cartridge for 160 Lt.: 6 Cycles/cartridge

Installation Conditions

At least 60 cm. space is needed on both lateral sides of the device to provide an effective technical service.

For more information, please contact:

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