

Low Temperature H₂O₂ Gas Sterilizer GP 200

Technical Datasheet

HYDROGEN PEROXIDE GAS STERILIZER GP200 TECHNICAL DATASHEET

Size of Chamber		Dimensions		Single Door	Double door (optional)
Chamber Volume	200 L	Door Type		Fully automatic vertical sliding door	
Chamber Depth	1150 mm	External dimension		200 L	
Chamber Width	450 mm	Device Depth	1350 mm	1385 mm	
Chamber Height	400 mm	Device Width	830 mm	830 mm	
Number of Shelves (each with 30 kg loading capacity)	2 pcs	Device Height	1850 mm	1850 mm	
		Weight	440 kg	440 kg	

GOLDBERG H ₂ O ₂ Gas Sterilizer is designed and manufactured in compliance with the following requirements and standards:	
Medical Device Regulation	: EU 2017/745 MDR Annex VIII Rule 16
Device Classification	: Class IIa, acc. to EU 2017/745 MDR (Annex VIII, Rule 16)
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

"Type" tests of GOLDBERG H₂O₂ Low Temperature sterilizers are performed and certified by The German accreditation company HYGCEN GmbH.



Device		Safety & Quality Features	
H ₂ O ₂ Concentration	59%	√ Protects operator from electrical current leaks.	
Control System	PLC (Programmable Logic Controller)	√ Emergency stop button.	
Operation Mode	Fully Automatic / Button Command	√ Hepa filter (0.01 μm) for filtration.	
Display Type	LCD Touch Screen	√ Password protection.	
Display Sizes Available	7,0"/ 10"(optional)	√ Cartridge consumption: NonLumen 2 capsule/cycle, Standard 2 capsule/cycle, Intensive 2 capsule/cycle	
Key Pad	Touchscreen		
Printer	32 Character/line, integrated thermal printer / USB (optional)		
Communication	RS232 Port / USB (Optional)		
Warning System	Visual & Audio & Printed / Led Indicator On Door		
Monitoring	Touchscreen		
Mobility	Easy positioning on 4 castors (2 x swivel) and firm fixing on suspension legs.		
Chamber Shape	Rectangular Prism		
Standard Programs			
P1: NON LUMEN	~30 Min.		
P2: STANDARD	~45 Min.		
P3: INTENSIVE	~57 Min.		
Safety & Quality Features			
√ Excess Moisture Alarm			

√ Foot-operated door opening

√ Warming Time: 15 - 30 minutes

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Temperature

Range 50°C - 60°C (chamber)
Measurement 4 x PT 100 (DIN Class A) Sensors
Door (1) Chamber (2) Evaporator (1)

Chamber

Test Pressure 100 Millitorr
Test Temperature 50-60 °C
Working Temperature Up to 55 °C
Working Pressure 600 Torr - 500 Millitorr

Construction

Body (Sigma Profile)
Chamber (Aluminium 5000 Series)
Door (Aluminium 5000 Series)
Panels Surrounding (AISI 304 Stainless Steel)
Chamber (Plated)

Installation Requirement

Power 5,5 kW, 3 Phases / 380 VAC±%10

Optional Spare Parts

Cartridge for 200 Lt.

Installation Conditions

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

Consumption-Electricity

P1: NON LUMEN ~ 950 Wh
P2: STANDARD ~1070 Wh
P3: INTENSIVE ~1200 Wh



For more information, please contact

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