

Low Temperature H₂O₂ Gas Sterilizer

GP 80

Technical Datasheet

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Size of Chamber		Dimensions	
		Single Door	Double door (optional)
Chamber Volume	80 L	Door Type Fully automatic vertical sliding door	
Chamber Depth	560 mm	External dimension 80 L	
Chamber Width	450 mm	Device Depth	1000 mm NA
Chamber Height	400 mm	Device Width	740 mm NA
Number of Shelves (each with 30 kg loading capacity)	2 pcs	Device Height	1850 mm NA
		Weight	330 kg NA

GOLDBERG H₂O₂ Gas Plasma 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	: EN 60601-1; EN 61010-1; EN 61010-2-040
EMC Directive	: EN 60601-1-2; EN 61326-1
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 HYGGEN GmbH.



Device	
H ₂ O ₂ Concentration	59%
Control System	PLC (Programmable Logic Controller)
Operation Mode	Fully Automatic / Button Command
Display Type	LCD Touch Screen
Display Sizes Available	7,0"/ 10"(optional)
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

Safety & Quality Features

- √ Protects operator from electrical current leaks.
- √ Emergency stop button.
- √ Hepa filter (0.01 m) for filtration.
- √ Password protection.
- √ Cartridge consumption: NonLumen 2 capsule/cycle, Standard 2 capsule/cycle, Intensive2 capsule/cycle
- √ Warming Time: 15 - 30 minutes

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Temperature

Range 50°C - 60°C (chamber)
Measurement 5 x PT 100 (DIN Class A) Sensors
Door (2) Chamber (2) Evaporator (1)

Construction

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

Optional Spare Parts

Cartridge for 80 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 ~332 Wh
P2: STANDARD ~435 Wh
P3: INTENSIVE ~583 Wh

Chamber

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

Installation Requirement

Power 2,8 kW,3 Phases /380 VAC±%10



For more information, please contact

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ISO 9001:2015
ISO 13485:2016
ISO 14001:2015



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