

# Low Temperature H<sub>2</sub>O<sub>2</sub> Gas Sterilizer

## GP 135 S/D

## Technical Datasheet

### H2O2 Gas Plasma Steriliser GP 135 Technical Datasheet

Size of Chamber	
Chamber Volume	135 L
Chamber Depth	800 mm
Chamber Width	450 mm
Chamber Height	400 mm
<b>Number of Shelves (each with 30 kg loading capacity)</b>	2 pcs

Dimensions	Single Door	Double door (optional)
<b>Door Type</b>	Fully automatic vertical sliding door	
<b>External dimension</b>	135 L	
Device Depth	1000 mm	1035 mm
Device Width	740 mm	740 mm
Device Height	1850 mm	1850 mm
Weight	380 kg	380 kg

ERYIGIT GP H<sub>2</sub>O<sub>2</sub> 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	: 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 H<sub>2</sub>O<sub>2</sub> Low Temperature sterilizers are performed and certified by The German accreditation company HYGGEN GmbH.



Device	
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&standard program: 2 per cycle, intensive program: 4 per cycle
- √ Warming Time: < 15 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 ( Aluminum 5000 Series )
Panels Surrounding ( AISI 304 Stainless Steel )
Chamber ( Plated )

### Installation Requirement

Power	4,1 kW, 3 Phases / 380 VAC ±%10
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### Optional Spare Parts

Cartridge for 135 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	~590 Wh
P2: STANDARD	~690 Wh
P3: INTENSIVE	~890 Wh



For more information, please contact



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EN 14937  
EU 2017/ 745  
MDR  
ISO 9001:2015  
ISO 13485:2016  
ISO 14001:2015



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