

Low Temperature Hydrogen Peroxide Gas
Plasma Sterilizer



SAFE
SIMPLE &
QUICK
STERILIZATION



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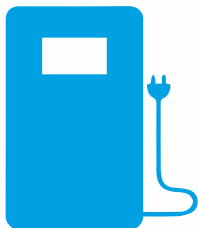
EiligPlaz

EiligPlaz The last method of low temperature sterilization for us to explore is the method of hydrogen peroxide plasma sterilization. The Plasma sterilizer use hydrogen peroxide (H₂O₂) as a sterilant to sterilize precise medical devices and instruments which may be changed their properties and appearances under high temperature and pressure.

Hydrogen peroxide is a non – toxic, powerful oxidizing agent that decomposes in to water and oxygen. The benefit of hydrogen peroxide is environment friendly. It does not leave harmful residues after plasma phase to the environment and human bodies. Also it has great advantages in sterilizing performance that can destroy a wide range of pathogens.



SAFE : Low temperature plasma steriliser is user friendly, as the main sterilant H₂O₂ is very safe, remaining nontoxic residue like oxygen and H₂O partical.



SIMPLE : Eiligplaz is very simple to install and operate. Only electric power supply is needed at the installation place. No additional facilities required like air compressor, drain piping, exhaust vent line and water source etc. Operator can use the sterilizer with Ergonomic touch screen and monitor the entire sterilization cycle in real time.



QUICK CYCLE TIME : Increases the turnover rate of the high priced delicate medical devices and instruments in the hospital. This quick turnover rate lightens the hospital's financial burden, as they do not need to equip a number of redundant medical devices.



ECO FRIENDLY : Compared to other low temperature sterilization method, it is non-toxic, safe and environment friendly sterilization method that decomposes into water and oxygen.



- ⦿ ERGONOMIC AND INTUITIVE TOUCH SCREEN
- ⦿ SOFTWARE CONTROLLED DEXTEROUS DOOR LOCKING
- ⦿ PLASMA CHAMBER
- ⦿ PRINTING
- ⦿ USB
- ⦿ e'SERVER
- ⦿ e'REMOTE
- ⦿ STERILANT INJECTION SYSTEM



NON LUMEN LOADS

Non Lumen loads are sterilized with the Non Lumen Cycle

- ⦿ ELECTROCAUTERY INSTRUMENTS
- ⦿ DOPPLERS
- ⦿ LASER PROBE
- ⦿ OPHTHALMIC LENSES
- ⦿ VIDEO CAMERAS
- ⦿ DEFIBRILLATOR PADDLES
- ⦿ HARMONIC CABLE



LUMEN LOADS

Lumen loads are sterilized with the Lumen Cycle

- ⦿ LARYNGOSCOPE
- ⦿ ARTHROSCOPES
- ⦿ LAPAROSCOPES
- ⦿ TROCAR CANNULA
- ⦿ TROCAR SHEATHS
- ⦿ RESECTOSCOPE



FLEXIBLE LOADS

Flexible loads are sterilized with the Flexible Cycle

- ⦿ BRONCHOSCOPE
- ⦿ HYSTEROSCOPE
- ⦿ CHOLEDOCHOSCOPE
- ⦿ URETEROSCOPE
- ⦿ CYCSTOSCOPE



TECHNICAL SPECIFICATION

	Eiligplaz 135 Ltr.	Eiligplaz 100 Ltr.	Eiligplaz 60 Ltr.	Eiligplaz 35 Ltr.
Useable Chamber Volume	135 Ltr.	100 Ltr.	60 Ltr.	35 Ltr.
Number of Shelves	2	2	2	1
Chamber size (mm) <ul style="list-style-type: none"> • Length • Width • Hight 	750mm 460mm 460mm	710mm 430mm 360mm	725mm 350mm 350mm	610mm 300mm 225mm
Overall dimensions <ul style="list-style-type: none"> • Length • Width • Hight 	890mm 750mm 1550mm	850mm 730mm 1550mm	1050mm 660mm 1300mm	787mm 605mm 976mm
Weight	300 kg	260 kg	230 kg	210 kg
Colour Touch Screen (in)	10"	10"	7"	7"
Cycle Time <ul style="list-style-type: none"> <i>Non Lumen</i> <i>Flexible</i> <i>Lumen</i> 	30 ± 3 min 45 ± 3 min 60 ± 3 min	28 ± 3 min 40 ± 3 min 55 ± 3 min	28 ± 3 min 40 ± 3 min 55 ± 3 min	25 ± 3 min 38 ± 3 min 50 ± 3 min
Cycle temperature	55 °C			
Chamber Material	Aluminium / SS304			
Door locking mechanism	Convenient and safe automatic horizontal hinged door / vertical sliding door			
Number of Doors	1 / 2 (optional)			
Printer	Built-in Thermal Printer			
H ₂ O ₂ Concentration	50% ± 2			
Electric Connection	220V AC-4 Kw, Single phase			
Mobility	Castor wheels			
Operational environment	Temperature: 18°C ~ 35°C Humidity: 10% - 85% RH (noncondensing).			
Storge Environment	Temperature: -10°C ~ 50°C Humidity: 10% - 85% RH (noncondensing).			
Installation space	Surface: Flat Minimum distance from wall: 1 Feet & Minimum service access: 3 Feet on all sides.			

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Sterile Safequip & Chemicals LLP.
Safe Simple & Quality sterilization



FACTORY ADDRESS

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MFG/MD/2023/001063



SCAN For more details