

*Low Temperature Hydrogen Peroxide Gas  
Plasma Sterilizer*



SAFE  
SIMPLE &  
QUICK  
STERILIZATION



[www.ssqlp.com](http://www.ssqlp.com)

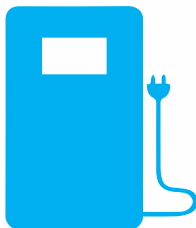
**EiligPlaz**

**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 (H<sub>2</sub>O<sub>2</sub>) 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 H<sub>2</sub>O<sub>2</sub> is very safe, remaining nontoxic residue like oxygen and H<sub>2</sub>O 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
- ⦿ 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                                      | 2                                      |
| Chamber size (mm) <ul style="list-style-type: none"> <li>• Length</li> <li>• Width</li> <li>• Hight</li> </ul>               | 750mm<br>460mm<br>460mm  | 710mm<br>430mm<br>360mm                | 725mm<br>350mm<br>350mm                | 610mm<br>300mm<br>225mm                |
| Overall dimensions <ul style="list-style-type: none"> <li>• Length</li> <li>• Width</li> <li>• Hight</li> </ul>              | 890mm<br>750mm<br>1550mm   | 850mm<br>730mm<br>1550mm               | 1050mm<br>660mm<br>1300mm              | 787mm<br>605mm<br>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"> <li><i>Non Lumen</i></li> <li><i>Flexible</i></li> <li><i>Lumen</i></li> </ul> | 30 ± 3 min<br>45 ± 3 min<br>60 ± 3 min   | 28 ± 3 min<br>40 ± 3 min<br>55 ± 3 min | 28 ± 3 min<br>40 ± 3 min<br>55 ± 3 min | 25 ± 3 min<br>38 ± 3 min<br>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 <sub>2</sub> O <sub>2</sub> Concentration  | 50% ± 2  |  |  |  |
| Electric Connection  | 220V AC-4 Kw, Single phase   |  |  |  |
| Mobility   | Castor wheels  |  |  |  |
| Operational environment  | Temperature: 18°C ~ 35°C<br>Humidity: 10% - 85% RH (noncondensing).                                |  |  |  |
| Storge Environment   | Temperature: -10°C ~ 50°C<br>Humidity: 10% - 85% RH (noncondensing).                               |  |  |  |
| Installation space   | Surface: Flat<br>Minimum distance from wall: 1 Feet & Minimum service access: 3 Feet on all sides. |  |  |  |

Eiligplaz\_B.01



**Sterile Safequip® & Chemicals Limited**

**Safe Simple & Quality sterilization**



#### FACTORY ADDRESS

#### STERILE SAFEQUIP & CHEMICALS LIMITED

Plot No. 31, Panchratna Industrial Estate,  
Inside Pirana Gate, Off S.P. Ring-road,  
ODE Village, Paldi-Kankaj, Ahmedabad,  
Gujarat-382425. INDIA.

#### BRANCH OFFICE

#### STERILE SAFEQUIP USA LLC

1493, Burberry LN, Schaumburg,  
IL 60173, USA.

#### CDSCO Registration No.

MFG/MD/2023/001063

☎ +91 99786 55778

✉ sales@ssqllp.com



www.ssqllp.com