



Product Code . DS-A-10039

## H2O2 Low Temperature Plasma Sterilizer

### Description

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##### Description:

Plasma sterilizer takes H<sub>2</sub>O<sub>2</sub> as sterilizing agent and from plasmatic state of H<sub>2</sub>O<sub>2</sub> by electromagnetic field under low temperature. It is widely used in medical institute for the sterilization of electric wire and cable, optical glasses and glass lens, power equipment and batteries, endoscopes, catheter, nonmetallic and other wet or heat sensitive instruments. It combines both gaseous and plasmatic H<sub>2</sub>O<sub>2</sub> to make sterilization for the items in chamber and decomposed the residual H<sub>2</sub>O<sub>2</sub> after sterilization.

##### Features:

###### Low temperature sterilization

The sterilization temperature is 50±5° which is much lower than steam sterilization. It is dry sterilization that has no harm on instrument, so it extends the device service life.

###### Safe and environment friendly

The matter after sterilization is water and oxygen molecule that have no toxic harm to staff or patient, and there is no need for drainage or air exhausting. High efficient H<sub>2</sub>O<sub>2</sub> filter is installed in the exhausting outlet to guarantee no H<sub>2</sub>O<sub>2</sub> pollution to the environment.

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## Convenient

Only power supply is needed for installation. The system adopts man-machine control interface with intelligent program design.

## Reliable sterilization

The chamber adopts alloy material which has good thermal conductivity to guarantee a stable temperature in the chamber. The purification system makes the H<sub>2</sub>O<sub>2</sub> diffused uniformly. The low temperature storage system provides a stable concentration of H<sub>2</sub>O<sub>2</sub>.

## Safe sealing door

The sterilizer adopts mandrill-driving auto overhead door with reliable sealing function and safe lock device to guarantee personal safety.

## Specifications:

|                            |               |                |                |
|----------------------------|---------------|----------------|----------------|
| Volume                     | 64L           | 135L           | 225L           |
| Chamber size<br>(L*W*H)mm  | 650*380*260   | 750*450*400    | 1250*450*400   |
| Power consumption          | 3.5Kw         | 3.8Kw          | 4.7Kw          |
| Power supply               | AC220V,50Hz   | 380V, 50Hz     | 380V, 50Hz     |
| External size<br>(L*W*H)mm | 850*725*750   | 990*760*1600   | 1460*760*1600  |
| Package Size<br>(L*W*H)mm  | 1000*900*1220 | 1220*1080*2000 | 1690*1000*1960 |
| Gross Weight(Kg)           | 240           | 460            | 580            |

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