



H₂O₂ Low Temperature Plasma Sterilizer



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► Product introduction

Plasma sterilizer takes H₂O₂ as sterilizing agent and form plasmatic state of H₂O₂ by electromagnetic field under low temperature. It combines both gaseous and plasmatic H₂O₂ to make sterilization for the items in chamber and decomposes the residual H₂O₂ after sterilization.

It is widely used in CSSD or other 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.

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► Scope of application

The sterilizer is applicable to sterilize the medical instruments that are thermolabile or non-moisturetight. It is not applicable to the sterilization of liquid, powder or cotton fabrics. All the medical instruments that meet the following conditions can be processed by this sterilizer.

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► Product features

• Low temperature sterilization

The sterilization temperature is 50±5 °C 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 H₂O₂ filter is installed in the exhausting outlet to guarantee no H₂O₂ pollution to the environment.

• Time-saving and cost-efficient

Rectangular chamber has greater capacity, high efficiency and short sterilizing cycle (≤50mins). The sterilized articles can be used directly without extra processing. It can increase the instrument turnover and decrease the storage of precious instrument to cut cost indirectly.

• Convenient

Only power supply is needed for installation. The system adopts man-machine control interface with intelligent program design. Equipped with foot switch (alternative) and integrated biological incubator (alternative).

• Multiple models

The door structure of the sterilizer is customizable (single or double door). To meet pharmaceutical factory needs, chamber material can be stainless steel.

• 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 H₂O₂ diffuses uniformly. The low temperature storage system provides a stable concentration of H₂O₂.

• Safe sealing door

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

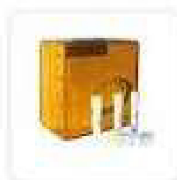
• Advanced configuration

The vacuum pump, controller, pressure transmitter and other key components are world famous brand. The sterilizer equipped with multiple programs and bar code identification system (alternative).

• Reassuring

We provide comprehensive operation training materials to key components maintenance intelligent reminding system for your convenience.

Consumable items



Biological indicator



Biological indicator



H₂O₂ cassette



Chemical indicating label



Paper-plastic packing pouch



Non-woven fabric

► H₂O₂ Low Temperature Plasma Sterilizer

► Alternative configuration

- **Integrated biological incubator**

The biological incubator will timely display temperature and incubate time. It equipped with independent control system that could work in the case of the sterilizer switched off.

- **Foot switch**

Simply kick the switch to open or close the door.

- **Metallic sterilizing container**

To improve sterilizing result, we provide various sterilizing container for different kinds of instruments and operation kits.

- **Auto elevating trolley**

The trolley equipped with auto elevating platform, chargeable lithium battery. The convenient memory function could record three different positions.



Technical Parameters

Model	Chamber (WxHxD) -mm			Litres	Overall (WxHxD) - mm		
PL-100	400	400	650	100	750	1760	820
PL-125	400	400	800	125	750	1760	980
PL-150	400	400	950	150	750	1760	1130



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