

WICKLAND Hydrogen Peroxide Low Temperature Plasma Sterilizer



H2O2 Plasma Sterilizer

Hydrogen Peroxide low temperature Plasma Sterilizer(Plasma sterilant cassette)

Description

Low temperature hydrogen peroxide plasma sterilizers are used for sterilizing heat-sensitive medical devices, dental equipment, laboratory equipment, pharmaceuticals, veterinary instruments, and beauty industry tools. They provide safe and effective sterilization while preserving delicate materials.

ST-HT60P-WMI



Technical Advantage

- Low temperature sterilization, preserving delicate items without damage.
- Green and pollution-free process using hydrogen peroxide solution, no toxic substances or pollution
- Stable sterilization with balanced temperature and stable hydrogen peroxide concentration.
- Efficient design with rectangular sterilization chamber for increased loading capacity.
- Safe and stable operation with electric lift door and safety interlock device.
- Simple operation with intelligent control processor and one-key start.
- Configured with high-quality components for reliable performance.
- Time and cost-saving with short sterilization cycle and low operating costs.
- Equipped with sterile filter for air inlet to prevent secondary pollution.
- U disk storage function for storing and recording sterilization data.
- ABS plastic disposable outer box material.
- Aluminum alloy electrode mesh and sealing door material.

- Upper and lower layers of aluminum alloy punching plates for loading sterilized items
- Electric lifting door with infrared sensor switch and door anti-pinch function.
- Preheating heating time of ≤30 minutes.
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- Preheating heating time of ≤30 minutes.
- Full automatic control system with LCD touch screen display and PLC circuit design.
- Micro-printer for printing and saving data during sterilization.
- Siemens smart series PLC control system.
- 7-inch color touch screen display with various status information.
- Storage function for recording sterilization data.
- Dedicated constant temperature incubator for biological indicator monitoring.
- Built-in pressure and temperature sensors for precise control.
- Two program options for circulation and rapid circulation.
- Network connection port available.
- Vacuum system with fast vacuum rate and long service life.
- Oil mist filter and air filter for exhaust filtration.
- Transistor control power supply for stable power output.
- Cartridge filling method for hydrogen peroxide.
- Explosion-proof flame retardant heating system.
- Over-voltage and over-temperature protection functions.
- Optional double doors.

Specifications

Model	ST-HT60P
Capacity (L)	60
Door Type	Manual door
Heating Method	Electric heating
Working Temperature	45~60 °C
Select Sterilizer	58%~60% hydrogen peroxide (H2O2)
Sterilization Time	35~55minutes
Total Cycle Time	Short cycle 30 minutes, long cycle 50 minutes, lumen cycle 60 minutes
Installation Environment	10~40 °C
Temperature Display	LCD touch screen
Max Anti-stree Value	10pa
Operation Height	≤160cm
Power Supply	AC220/110V, 50/60Hz
Consumption (kW)	2.6
Internal Size(W×D×H) (mm)	610×350×320
External Size(W×D×H) (mm)	750×630×1495
Shipping Size(W×D×H) (mm)	820×750×1615
N.W./G.W. (kg)	185/210