

# 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℃  |
| 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℃  |
| Temperature Display       | LCD touch screen  |
| Max Anti-stress 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   |