

Low Temperature H₂O₂ Plasma Gas Sterilizer

Autoclave 60L 100L 130L

No.	Model	Volume	Chamber size(L*W*H)	Carton size(L*W*H)	Power(KW)
1	YJ-PH60	60L	610×350×320mm	920×670×1450mm	2.6
2	YJ-PH100	100L	700 × 430 × 360mm	950 × 760 × 1550mm	3.8
3	YJ-PH130	130L	750 × 450 × 400mm	950 × 760 × 1550mm	4.2





Specifications

Product Name Low temperature hydrogen peroxide plasma sterilizer

Product Model YJ-PH100

Product Type Manual open door vertical

Heating method electric heating

[Power] 3.8KW

Power AC220V, 50Hz

Dimensions (length × width × height): 950 × 760 × 1550mm

Chamber size (L × W × H): 700 × 430 × 360mm

Weight 240kg

Temperature display LCD touch screen

Temperature at sterilization $50\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$

Work pressure -50pa

Selection of sterilizers Hydrogen peroxide (H_2O_2)

[Hydrogen peroxide sterilization concentration] 60%

[Air replacement] sterile filter automatic ventilation

Sterilization time 45 ± 3 minutes

[Vacuum speed] 5 minutes to -50pa

Operation height $\leq 160\text{cm}$, the operation height is reduced, taking into account the convenience of women's operation, more humane.



Chamber material 304 stainless steel or aluminum 5052, thickness $\geq 8\text{mm}$, with excellent thermal conductivity, to ensure that hydrogen peroxide to maintain 100% gaseous.

Carton material carbon steel baking plastic powder and glass steel

Electrode material aluminum alloy material 5052, sheet metal forming, thickness $\geq 2\text{mm}$.

Loading method two layers of aluminum alloy punching plate loading sterile items, loading capacity, high space usage.

Sealing door material with 5052 aluminum alloy material, thickness $\geq 15\text{mm}$.

Door open way Manual right door

[Cavity temperature heating power] 3.8KW, preheating heating time $\leq 30\text{min}$. Cavity heating power can be met, the heating time will be faster

Main insulation $\geq 20\text{mm}$ rubber sponge, with a low thermal conductivity, fire performance, anti-aging ability, non-toxic environmental protection and appearance of high-grade soft texture and so on.

Full automatic control system LCD touch screen display PLC circuit design, safe and reliable; one-button start to the end, the whole process automatically, display temperature, pressure, sterilization time, the system can maintain the upgrade.

[Printer] using a micro-printer, print out the whole process of sterilization every minute of the data, can be permanently preserved. Can print records: program name, sterilization date, sterilization pot, sterilization start end time, sterilization process pressure and temperature changes in the data, the end of time and the end of the state and other information, and provide print samples.

PLC imported S7-200 PLC control system,

Display 7-inch color touch screen, communication rate $\geq 19.2\text{Kbps}$.

Display status temperature, pressure, time, cycle mode, process stage and alarm information, and provide the actual interface photo.

U disk storage function disk capacity $\geq 8\text{G}$, can store records ≥ 100 million sterilization data, storage



information, including program serial number, sterilization date, sterilization pot, sterilization start end time and sterilization process pressure, Temperature, stage time and end status and other information, and provide computer graphics samples.

Pressure sensor built-in pressure sensor using imported sensors in Japan, automatic detection of cavity pressure, to ensure that the accuracy of the cavity pressure control in the effective range.

Temperature sensor Built-in temperature sensor automatically detects the temperature inside the cavity to ensure that the cavity temperature maintained at $50\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$ within the precise range.

Program System There are two procedures to strengthen the cycle and fast cycle. Strengthen the cycle ≤ 50 minutes, fast cycle ≤ 26 minutes.

[Vacuum system] imported from Germany vacuum pump, simple and convenient, fast vacuum rate, long service life.

Vacuum pump using a very high degree of vacuum and resistance to H₂O₂ rotary rotary vane vacuum pump.

[Vacuum pump phase sequence protection] with a vacuum pump phase sequence protection device to prevent the power supply phase sequence changes, leading to reverse the vacuum pump to the sterilization chamber. Single-phase vacuum pump, easier to install, no phase sequence protection

Take time control valve adopts high vacuum baffle solenoid valve to control the pumping pipe.

Oil mist filter The product has an exhaust oil mist filtration system, which can recover oil mist, avoid oil mist into the air, and pump the pump back to the pump to reduce fuel consumption.

Air filter The filter accuracy is less than or equal to $0.2\mu\text{m}$.

Hydrogen peroxide filter The product has exhaust gas hydrogen peroxide gas filtration system, the ambient air concentration of hydrogen peroxide $<0.6\text{mg} / \text{m}^3$, and provide more than the provincial inspection agencies issued a test report.

[Plasma power] using transistor control power, power $\leq 500\text{W}$, analytical ability.

Hydrogen peroxide filling method Self-priming injection type.

Automatic dosing is the first domestic precision metering system.

[Sterilization effect] the first domestic cavity equipment can be broken from 2 meters to 4 meters completely sterilized manufacturers. To provide the provincial institutions within the validity of the sterilization test report.

Heating system The use of explosion-proof flame retardant heating system, the temperature is more accurate and accurate, convenient and quick.

[Electromagnetic compatibility detection] to provide more than the provincial testing agencies electromagnetic compatibility test report.

[A variety of protective features] with over-voltage over-temperature protection, and the LCD screen has a fault display screen, so that after-sales staff faster and better deal with the point of failure.

Caster Yes

Alarm system has a high and low temperature alarm system

Category Class II medical equipment