

Plasma Autoclave LPA-B30



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Plasma Autoclave LPA-B30 is a H₂O₂ plasma sterilizer with microprocessor PLC controlled system, fully automated process with 60 L volume capacity. This Class II medical equipment offers manual door opening vertical type, rectangular chamber design. Chamber is made up of anti-corrosion type 5052 aluminum alloy with thickness $\geq 8\text{mm}$, and is adopted with excellent thermal conductivity, to ensure 100% maintenance of gaseous hydrogen peroxide. Equipped with high and low temperature alarm system, pressure and temperature sensors, H₂O₂ resistant rotary vane vacuum pump for quality performance.

Features

- 7 inch touch screen LCD display
- Microprocessor PLC controlled system with Fully automatic control system
- Manual door open mode, vertical type
- Built-in pressure sensor using imported sensor, automatic detection of chamber pressure
- Built-in temperature sensor automatically detects the temperature inside the cavity
- Built-In thermal printer to record & print real-time test data
- Exhaust oil mist filtration system
- High strength H₂O₂ resistant rotary vane vacuum pump
- USB interface to download and collect data by connecting it to PC
- Four universal wheel plus leveling foot design for easy movement and fixation of unit
- use of explosion-proof flame retardant heating system
- Adapted with anti-explosion and fire resistance heating system, non-toxic environmental protection
- Large storage capacity: Disk capacity $\geq 8\text{G}$
- Manual setting for different sterilization programs
- Use friendly appearance

Applications

Used in the hospital, pharmaceutical factory, lab, medical institutions for low temperature sterilization of heat sensitive materials.

Specifications

Model no.	LPA-B30
Chamber Volume	60 L
Sterilization temperature	50 ± 5°C
Working pressure	-50 Pa
Sterilizing agent	60 % (H2O2) hydrogen peroxide
Sterilizing time	45 to 50 min
Installation environment temperature	5 to 45°C
Vacuum speed	Absorb to – 50 Pa in five minutes
High anti-pressure valve	10 Pa
Door type	Manual door opening, vertical
Operation height (for chamber design)	≤ 160 cm
Chamber material	Anti-corrosion type 5052 aluminum alloy, thickness ≥ 8mm
Chamber temperature heating power	3.8 kW, preheating heating time ≤ 30min
Electrode material	Aluminum alloy material 5052, sheet metal forming, thickness ≥ 2mm
Sealing door material	Aluminum alloy material 5052, thickness ≥ 15mm
Carton material	Carbon steel baking plastic powder and ABS
Main insulation	≥ 20mm rubber sponge, with a low thermal conductivity
Storage U disk capacity	≥ 8 G
Air filter accuracy	≤ 0.2 μm
Chamber dimension (L*W*H)	610 × 350 × 320 mm
Packaging dimension (L*W*H)	920 × 670 × 1450 mm
Power	2.6 kW
Power supply	AC220 V, 50 Hz
Gross weight	270 kg