



PLASMA AUTOCLAVE
LD-LPA-B30

Plasma Autoclave LD-LPA-B30

Plasma Autoclave LD-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 $\approx 8\text{mm}$, 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 $\approx 8\text{G}$
- 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.	LD-LPA-B30
Chamber Volume	60 L
Chamber dimension (L×W×H)	610 × 350 × 320 mm
Sterilization temperature	50 ± 5°C
Working pressure	-50 Pa
Sterilizing time	45 to 50 min
Vacuum speed	Absorb to - 50 Pa in five minutes
High anti-pressure valve	10 Pa

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Air filter accuracy	$\leq 0.2 \mu\text{m}$
Door type	Manual door opening, vertical
Main insulation	$\geq 20 \text{ mm}$ rubber sponge, with a low thermal conductivity
Chamber material	Anti-corrosion type 5052 aluminum alloy, thickness $\geq 8 \text{ mm}$
Sealing door material	Aluminum alloy material 5052, thickness $\geq 15 \text{ mm}$
Electrode material	Aluminum alloy material 5052, sheet metal forming, thickness $\geq 2 \text{ mm}$
Sterilizing agent	60 % (H ₂ O ₂) hydrogen peroxide
Operation height (for chamber design)	$\leq 160 \text{ cm}$
Storage U disk capacity	$\geq 8 \text{ G}$
Installation environment temperature	5 to 45°C
Chamber temperature heating power	3.8 kW, preheating heating time $\leq 30 \text{ min}$
Power	2.6 kW
Power supply	AC220 V, 50 Hz
Packaging dimension (L×W×H)	920 × 670 × 1450 mm
Gross weight	270 kg
Carton material	Carbon steel baking plastic powder and ABS