

**MSG.B Serial**

**Low-temperature Plasma Sterilizer**



**WEGO 威高**

## Product feature :

### Product Features

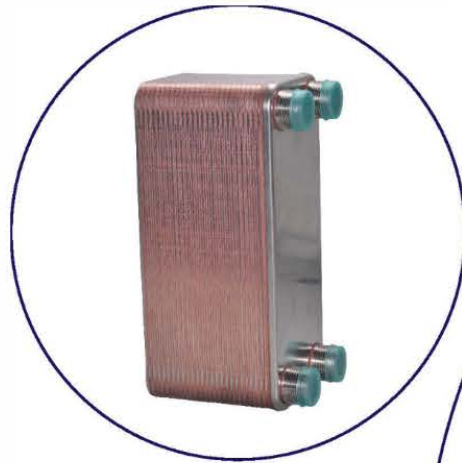
- ◆ Main controller, expansion module, temperature module are controlled by PLC
- ◆ U disk storage function, can store more than 8 years of sterilization records.
- ◆ Hydrogen peroxide sterilizer is injected accurately with adjustable injection rate, reducing the cost under the guarantee of sterilization effect.
- ◆ Use 5052 antirust aluminum alloy material inner shell, strong and corrosion resistant.
- ◆ It can effectively sterilize for the stainless steel lumen with internal diameter $\geq 1$  mm, length $\leq 2000$ mm to ensure sterilization effect.
- ◆ The equipment is equipped with hydrogen peroxide purification device, and the concentration of hydrogen peroxide is increased automatically when the equipment is running, in order to facilitate the narrow cavity sterilization.
- ◆ Full automatic up& down sealing door with far infrared ray hand-protected design gives an alarm in advance when meeting obstacles and protect operator safety without touching obstacles
- ◆ Built-in printer for data recording, sterilization time, cycle mode, display pressure, sterilization process.
- ◆ Only a few oxygen and water are left after sterilization, no harm to the environment and human
- ◆ Automatic detection function can real-timely monitor the process of sterilization. If abnormal, system will automatically give an alarm and display the reason of failure.
- ◆ All core parts such as vacuum pump, electromagnetic valve, metering device, air filter are high-performance components.
- ◆ Purification equipment for hydrogen peroxide can increase concentration of hydrogen peroxide effectively and enhance sterilization effect.
- ◆ Rapid sterilization, sterilization time  $\leq 45$ min, It can be used after sterilization.

140L sterilization volume  
45~55°C sterile temperature  
Fully automated processes

Pressure switch



Condenser



Touch screen



Self-Diagnostic  
Touch screen Control System  
User-friendly

Steam relieve valve



High perform steam generator



Pneumatic angle seat valve

Stainless steel structure  
Anti-bacterial surface  
Automated vacuum pump



PLC



Vacuum pump



Electromagnetic reversing valve

Self-troubleshooting  
Pressure monitoring & control  
Temperature monitoring & control

## MSG.B (140L)

### Low-temperature Plasma Sterilizer



#### Technical Specification

	Specifications	Parameters
1	Capacity	140L
2	Chamber dimension (mm)	450×410×780
3	Outer dimension (mm)	816×1798×1018
4	Net weight (KG)	240
5	Supply Voltage (V/HZ)	220V, 50Hz
6	Electric Power (KW)	3KW
7	Sterilizing agent	H2O2 gas plasma; 60% Hydrogen peroxide
8	Temperature	45°C ~ 55°C
9	Sterilization time	standard cycle ≤ 45 minutes
10	Atmospheric pressure	70kpa~106kpa
11	Memory storage	U disk storage, 4000 cycle

12	Accessories	<ul style="list-style-type: none"> <li>• Instrument trays</li> <li>• Tray mats</li> <li>• Adaptors</li> <li>• Holders&amp;Bars</li> </ul>
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## Safety features

- Meets IEC 61010 and 61010 requirement
- Comply with ISO 13485 requirement
- Protective measure device of door safety
- Interlock function device of double door
- Phase sequence detection function device of power network
- Electric leakage protection function device of door seal
- Undervoltage detection device of compressor
- Sterilization processes meets ISO 14937 requirements
- The chamber is made of 5052 antirust aluminum alloy

