Vertical Pressure Steam Autoclave 105~135℃



MVS-64
63L

MVS-84
83L

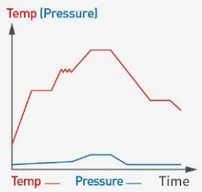
50/60 HZ | PED CERTIFIED | UKCA | CE

Product Name	Model	Temperature range (°C)	External dimensions (mm)	Internal dimensions (mm)	Power (W)	Capacity (L)	Net weight (kg)
Vertical Pressure Steam Autoclave	MVS-64	Preheat 60-115 Sterilization 105-135 Dissolving 60-110 Insulation 45-60	600×620×820	Φ370×610	3100	63	90
	MVS-84		600×620×1005	Φ370×795		83	100

Working Mode

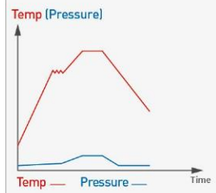
Pre-heating sterilization

- It is suitable for the sterilization of moisture and heat resistance materials and pre-heat before the sterilizing operation.



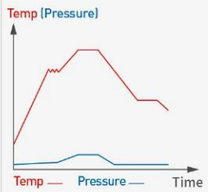
Normal sterilization

- It is suitable for the sterilization of moisture and heat resistance materials.



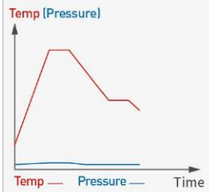
Sterilization insulation

- It is applicable for the sterilizing process that requires insulation after the sterilizing is finished.



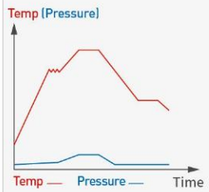
Dissolve insulation

- It is applicable for the sterilizing process that culture medium requires dissolving before the sterilization process.



Liquid sterilization(optional)

- It is applicable to the sterilization of solvents, culture media and other liquids.



- 4 kinds of sterilizing programs, optional liquid sterilizing(object sensor is needed to order).
- New preheat sterilizing program ,to ensure the safety of sterilizing on dangerous or infectious materials. Preheat for pre-treatment for different materials.

Design Standard

- Meet the requirements of pressure vessel PED 2014/68/EU.
- The material of head and cylinder is made of stainless steel of grade 304 in accordance with ASME SA-240 standard, and the thickness is up to 3mm.

Safety Protection

- Double anti-dry burning protection, over-current protection, leakage protection, four-point safety interlock device, equipped with a safety valve, cavity over pressure alarm seven protection functions to protect the entire sterilization process.

Pressure Stabilized Exhaust

- Equipped with pressure stabilized exhaust function, it can displace 98% of the residual air to achieve the best sterilization effect.
- Six levels of exhaust adjustment, free choice of exhaust rate and exhaust temperature, to meet the requirements of different processes.

Wide Application

- Adopt high altitude universal design to meet extreme application scenarios, and can be used in areas below 4000m.
- The whole system is equipped with 16A plug, which meets the requirements of most laboratories.

New Upgrade

- **Electrode type liquid level meter:**
  direct feedback of liquid level, automatic alarm when the water level is lower than a certain value, to protect the heating tube.
- **Over-temperature protector:**
  adopt the form of sticking to the wall with the upper end of the heating tube, when the temperature of the heating tube is too high, it will automatically cut off the power to prevent the heating tube from dry burning.

Four-point fixation



- Mechanical structure, four-point fixation, more reliable and safer

Patented quick opening system



- System obtains national patent, interlocking and linkage with safety devices

Hidden front cooling bucket



- 5L large capacity cooling bucket



Human-computer interaction



- Adopt touch screen, interface is easy to operate

Working Modes



- Five working modes to meet the needs of different sterilization

Leakage circuit breaker

