

Autoclave

MJS/MJM



Control panel

sterilizing mode, temperature, and time can be set directly. Vivid status flow chart makes the whole process of sterilization clearly observable. The panel also displays the rest time for sterilization.



Inner container

SUS304 is adopted as the inner container, which goes through electrolytic polishing.



Lever lock

adopt lever lock, which can be opened and closed easily. With the self-sensing pressure joint lock device, the system automatically checks the locking status of the cover, thus effectively avoiding the eruption of steam caused by the startup of unsafe sterilization program and wrong operations.



Interface

RS232 and USB interfaces meet users' demand for data treatment and analysis. Printing function can be selected.



Cooling

rapid fan cooling system lowers the time of waiting for cooling.



Drainage valve

stainless drainage valve is attractive and durable.



Autoclave finds wide applications in hospitals, scientific research institution, and corporate labs for disinfection, sterilization, and cultivation of base solution.

Safety:

- ◆ The system is designed with the self-checking function of safety status. Pot cover can not be opened when the electricity is cut off.
- ◆ The system is designed with the safe startup temperature and pressure self-sensing joint lock device. When the temperature in the sterilization cavity is below 60°C, and the pressure in the cavity is zero, pot cover can be opened. Otherwise, locking institution will automatically lock the pot in case of any accidents arising from improper operations, such as scald and scorching.
- ◆ Over-temperature protection: high-precision temperature sensor and over-temperature protection control system guarantee that the system will stop heating and give an alarm when the temperature is abnormal. In addition, mechanical over-temperature protector possesses the double over-temperature protection functions.
- ◆ Over-pressure protection: high-precision pressure sensor and over-pressure protection system guarantee that the system will open the valve to release the pressure and give an alarm when the temperature is abnormal. In addition, mechanical pressure safety valve possesses the double over-voltage protection functions.
- ◆ Protection against dry burning: when there is a lack of water for sterilization, the system will assume that the heater is abnormal, and automatically stop the operation of the heater.

Intelligence:

- ◆ Self-checking system: be able to check the quality of sensor, whether there is short circuit or open circuit, and whether the chip of control panel is damaged or not. In the case of wrong operation or failure, it will display failure code to remind users.
- ◆ Zero pollution of exhaust: possess two gas collecting bottles. Sterilization steam is condensed for two times to ensure zero exhaust of steam, thus preventing sterilization steam from entering the lab and polluting the environment.
- ◆ Intelligent computer control system not only realizes the fully automatic control of the sterilization process, but also makes sterilization safer and more repeatable.
- ◆ Four preset sterilization modes are designed for solid samples, liquid samples, and agar.
- ◆ Memory storage system: users can set their own sterilization parameters.
- ◆ Saturated steam detection: the system automatically detects the exhaust of cool air to produce the sterilization environment of pure steam and further guarantee the optimum sterilization effect.
- ◆ Automatic exhaust control: possess the modes of full exhaust, micro-exhaust, and non-exhaust so as to meet sterilization requirements of various samples.
- ◆ Timing startup function: preset the timing program (1-99 hours) to enable the sterilizer to automatically start up the sterilization according to the preset time.

Interface control:

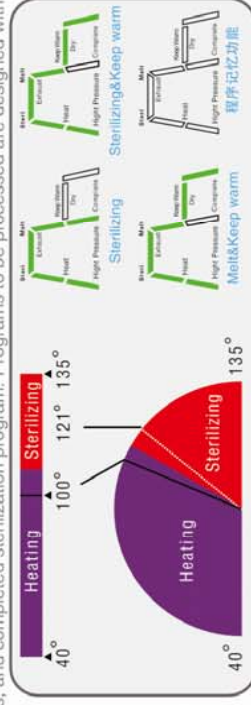
- ◆ Automatically display the latest sterilization program after the startup. Start up the sterilizer with the click of the START button.
- ◆ Possess status flow chart, showing the current sterilization mode, sterilization status, and completed sterilization program. Programs to be processed are designed with the countdown function, making the residual time extremely clear.
- ◆ Users can inquire concrete parameters of the current program with the click of the CONFIRM button.

Optional parts:

- ◆ Article temperature sensor, printing function.

Product Parameter

model	MJS	MJM
Dimensions of sterilizing inner container (Internal * diameter)	φ 370*508	φ 370*730
Volume in liters	54	78
Material of inner container		SUS304
Max temperature and pressure		135℃/0.24MP
Scope of temperature		40-135℃
Sterilizing temperature		105-135℃
Melt temperature		60-100℃
Keeping warm temperature		40-60℃
Time set scope		Sterilizing, melt: 0 minute to 4 hours; continuous warm: 72 hours; preset sterilizing time: 1 to 99 hours
Control		Microprocessor control, figure display
Operation model		A. Sterilizing; B. Sterilizing-Keeping warm; C. Melt-Keeping warm; D. Setting parameters
Exhaust way		All exhaust, micro exhaust, no exhaust
Cooling device		Independent air cooling system makes cooling fast
Safety device		Pressure safety valve, dry burning prevention, safety interlock, hatch cover close checking system, overpressure detection, overtemperature detection, residual current circuit breaker
Power		Single phase AD 220V, 50-60HZ common power supply (over 16A)
Accessories		Standard model: water-stop sheet, discharge hose, stainless steel basket, collection bottle for phlegma
External dimensions	L*W*H (520*612*840)	L*W*H (520*612*1070)
Weight	79KG	120KG



Cautions

Please read the Use Manual carefully before use.