



To protect life with bio-science



Technical parameters and specifications are for reference not order basis.
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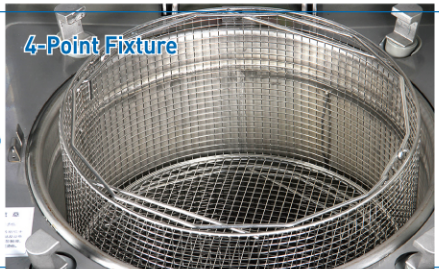
Issue date: 2022.3



Vertical Pressure Steam Sterilizer
MVS-63/63G/83/83G



Vertical Pressure Steam Sterilizer MVS-83



4-Point Fixture

- Mechanical structure+4-point fixture,safe and reliable



Human-computer Interaction

- True color touch panel with easy-to-operate interface



Working mode

- 4 working modes+16 pre-setting program+customizable working mode



Switch breaker

- Built-in breaker on the side, easy-to-operate



Hidden front cooling bucket

- Improved appearance, easy for take-in&out



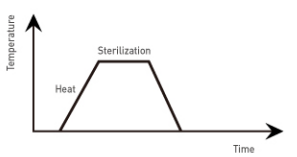
Patented quick door open system

- National patent, interconnection and interlock with safety device

Working Mode

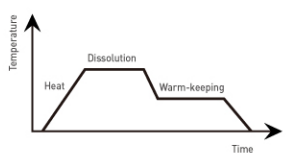
General sterilization

- Available for the sterilization of water, medium, reagent, liquid food, etc.



Apparatus sterilization

- Available for the sterilization of flask, beaker, culture and other apparatuses with tolerance of rapid decompression



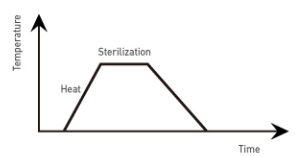
Sterilization&warm-keeping

- Warm-keeping after sterilization



Dissolution&warm-keeping

- Dissolve the culture and keep it warm



Product Advantage

Design Standard

- Strictly follow the design standard YY1007, in compliance with GB150 for requirements on pressure vessel
- Stainless steel(in compliance with GB/T24511) plate with 3mm in width improves safety performance

Altitude

- Users can input the actual altitude, and the system will automatically calculate the matching boiling point and running parameters

Dual Cooling Fan

- Dual cooling radiating system realizes rapid pull-down
- 2 standard cooling fans at the left rear and left front of chamber reduce the cooling time

Safety Guarantee

- Lid opening at low temperature and exhaust under high pressure; double dry burning-resistant protection, safe interlock and structure
- HEPA filter is optional for particles larger than 0.2μm, filtering effect >99.5%

One-key sterilization

- Press the operation key, and the sterilizer will start up with previous running parameters, which is convenient, efficient and more applicable for bulk repetitive operations

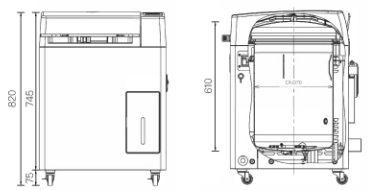
Malfunction Self-diagnose

- Malfunction display, easy to find the reasons

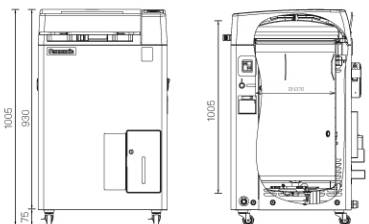
Technical Parameters

Product name	Vertical pressure steam sterilizer			
Product model	MVS-63	MVS-63G	MVS-83	MVS-83G
External dimensions	W600×D620×H820mm		W600×D620×H1005mm	
Effective capacity	55L		75L	
Exterior	Painted steel			
Chamber material	S30408			
Lid	Top-openable			
Temperature sensor	PT100			
Sterilization temperature	115~135℃			
Dissolution time	60~115℃			
Warm-keeping time	45~60℃			
Design pressure	0.30Mpa			
Exhaust pressure of safety valve	0.28Mpa			
Pressure gage range	-0.1~0.5Mpa			
Type of pressure vessel	D1			
Type of manufacturing level	2pcs			
Cooling fan motor	I			
Printer		●		●
USB port		●		●
Pressure/temperature recorder		●		●
485 port		●		●
Alarm	High-temp abnormal alarm, sensor abnormal alarm, pressure abnormal alarm, water level alarm, controller alarm			
Power supply	Single-phase: 220V			
Type of electric shock protection	I			
Basket	2pcs		3pcs	
Accessory	Drainage hose(x1), front cooling bucket(x1), rear cooling bucket(x1), rear cooling bucket support(x1), heater cover(x1)			
Weight	90kg	93kg	100kg	103kg

External dimensions(mm)



MVS-63



MVS-83