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To protect life with bio-science



Autoclave
MVS-64/84-E

WIDE AREA STERILIZATION

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Alphavita Bio-Scientific(Dalian)Co.,Ltd.

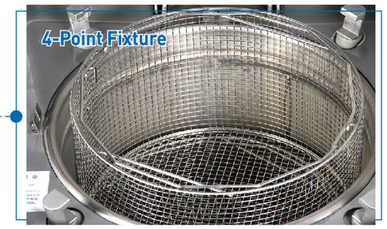
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Product technical parameters and styles are for reference only, not as a basis for ordering.
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Please in kind prevail.

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



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

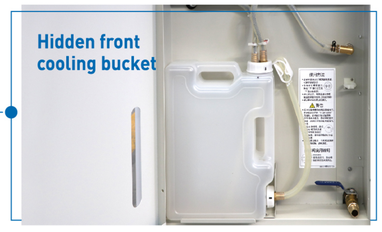
· 5 working modes(one is optional)+24 sets pre-setting program



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



· National patent, interconnection and interlock with safety device

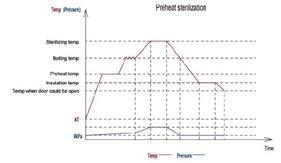


· Improved appearance, easy for take-in&out

Working Mode

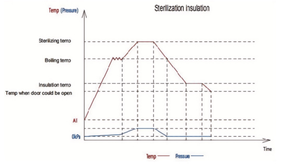
Preheat sterilization

· Suitable for the sterilization of moisture and heat resistance materials and pre-heat before the sterilizing operation.



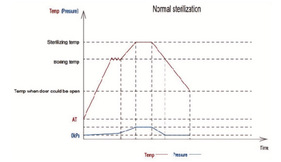
Sterilization insulation

· Applicable for the sterilizing process that requires insulation after the sterilizing is finished.



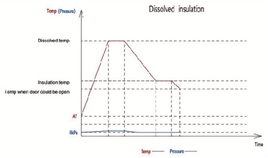
Normal sterilization

· Suitable for the sterilization of moisture and heat-resistant materials.



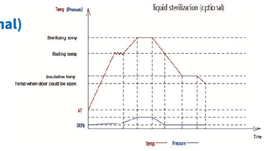
Dissolved insulation

· Applicable for the sterilizing process that culture medium requires dissolving before the sterilization process.



Liquid sterilization(optional)

· Applicable for sterilizing the solvents, culturing media and liquid.



Product Advantage

Design standard

· Strictly follow the standard of 2014/68/EU PED standard.
· Stainless steel chamber with thickness 3mm.

Altitude

· Users can input the altitude, and the system will adjust the boiling point and related parameters accordingly.

Rapid cooling

· 16W cooling motor at the back, could add one cooling motor at the bottom in the internal chamber as optional.

Safety guarantee

· Cover could only be open at the safe temperature and pressure. Equipped with liquid level detector and over temp protector, double protection for heating with few water.
· Multiple alarm: high/low temp alarm, pressure alarm, water level alarm, sensor failure alarm, heater failure alarm,door lock alarm.

One-key sterilization

· Press the operation key and the sterilization will start to operate as preset(one mode could save 6 groups running parameters), which is convenient for users to operate.

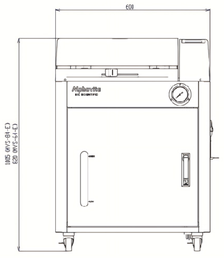
Operation scheduled

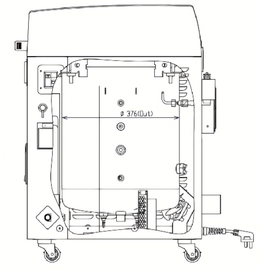
· Operation could be scheduled in advance. F0 value could be record and set together with sterilizing temp for operation if get the F0 value in advance.

Technical Parameters

Product name	Autoclave			
Product model	MVS-64-E		MVS-84-E	
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	105~135℃			
Dissolution temperature	60~110℃			
Warm-keeping time	45~60℃			
Design pressure	0.30Mpa			
Exhaust pressure of safety valve	0.28Mpa			
Pressure gage range	0~0.4Mpa			
	Note：○refers to optional.			
Printer		○		○
USB port		○		○
485 port		○		○
Alarm	High-temp abnormal alarm, sensor abnormal alarm, pressure abnormal alarm, water level alarm, controller alarm			
Power supply	220~240V 50/60HZ			
Type of electric shock protection	I			
Basket	2pcs		3pcs	
Accessory	Drainage hose(×1), front cooling bucket(×1), rear cooling bucket(×1), rear cooling bucket support(×1), heater cover(×1)			
Weight	90kg		100kg	

External dimensions(mm)





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