

Labomiz



Pulse Vacuum Autoclaves



Pulse vacuum autoclave MPVA-1 Series is a horizontal sterilizing unit with motor driven door system that adopt pure steam and clean air as a medium of sterilization. It features vacuum dehumidification combined with jacket heating for drying of items. It is characterized with the advanced technology of temperature time and F0 dual control system

Features:

- ▶ PLC touch screen for ease of accessibility
- ▶ Data storage and process management
- ▶ Acid proof SS chamber
- ▶ Independent data recording
- ▶ Compressed air sealing technology

Applications:

Used in sterilizing clothes, fabric, metal instruments, biological products, utensils, medical appliances, medical dressing, herbal medicines, culture media, etc. in the fields of botany, zoology, biochemistry, forensic, pharmaceuticals, cytology, immunology, genetics, bioengineering, health and sanitary, etc.

Specifications :

Model No.	MPVA-1A	MPVA-1B	MPVA-1C	MPVA-1D	MPVA-1E
Steam consumption	15 kg	20 kg	30 kg	40 kg	50 kg
Cooling water	100 kg		200 kg		300 kg
Volume	0.25 m ³ / 250L	0.36 m ³ / 360L	0.6 m ³ / 600L	0.8 m ³ / 800L	1.0 m ³ / 1000L
Door system	Motor driven				
Power	3 kW			4 kW	
Water pressure range	0.15 MPa ~ 0.3 MPa				
Steam pressure range	0.4 MPa ~ 0.8 MPa				
Compressed air	0.5 MPa ~ 0.8 MPa				
Design Pressure	0.245MPa				
Temperature	139 °C				
Chamber Dimensions	800x600x600 mm	1000x600x600 mm	1450x610x910 mm	1200x610x910 mm	1250x680x180 mm
External Dimensions	1100x1320x1700 mm	1300x1320x1700 mm	1500x1320x1950 mm	1750x1320x950 mm	1550x1420x2000 mm
Net weight	900 kg	1000 kg	1350 kg	1650 kg	1850 kg



Model No.	MPVA-1F	MPVA-1G	MPVA-1H	MPVA-1I
Steam consumption	55 kg	60 kg	70 kg	80 kg
Cooling water	300 kg		400 kg	
Volume	1.2 m ³ / 1200L	1.5 m ³ / 1500L	2.0 m ³ / 2000L	2.5 m ³ / 2500L
Door system	Motor driven			
Power	4.5 kW		5.5 kW	
Water pressure range	0.15 MPa ~ 0.3 MPa			
Steam pressure range	0.4 MPa ~ 0.8 MPa			
Compressed air	0.5 MPa ~ 0.8 MPa			
Design Pressure	0.245MPa			
Temperature	139 °C			
Chamber Dimensions	1500x680x1180 mm	1900x680x1180 mm	1700x1000x1200 mm	2100x1000x1200 mm
External Dimensions	1820 × 1420 × 2000 mm	2200 × 1420 × 2000 mm	2000 × 1880 × 2000 mm	2400 × 1880 × 2000 mm
Net weight	2000 kg	3200kg	2600 kg	3200 kg

Pulse vacuum autoclave MPVA-2 Series is a horizontal sterilizing unit with motor driven door system that adopt pure steam and clean air as a medium of sterilization. It features vacuum dehumidification combined with jacket heating for drying of items. It is characterized with the advanced technology of temperature time and F0 dual control system

Features:

- ▶ PLC touch screen for ease of accessibility
- ▶ Data storage and process management
- ▶ Acid proof SS chamber
- ▶ Independent data recording
- ▶ Compressed air sealing technology

Applications:

Used in sterilizing clothes, fabric, metal instruments, biological products, utensils, medical appliances, medical dressing, herbal medicines, culture media, etc. in the fields of botany, zoology, biochemistry, forensic, pharmaceuticals, cytology, immunology, genetics, bioengineering, health and sanitary, etc.

Specifications :

Model No.	MPVA-2A	MPVA-2B	MPVA-2C
Steam consumption	25 kg	30 kg	40 kg
Cooling water	200 kg	300 kg	
Volume	0.25 m ³ / 250L	0.36 m ³ / 360L	0.6 m ³ / 600L
Door system	Lifting type		
Power	3 kW	4 kW	
Water pressure range	0.15 MPa ~ 0.3 MPa		
Steam pressure range	0.4 MPa ~ 0.8 MPa		
Compressed air	0.5 MPa ~ 0.8 MPa		
Design Pressure	0.245MPa		
Temperature	139 °C		
Chamber Dimensions	1000 × 500 × 500 mm	1000 × 600 × 600 mm	1240 × 650 × 750 mm
External Dimensions	1400 × 1250 × 1800 mm	1400 × 1300 × 1900 mm	1640 × 1350 × 2150 mm
Net weight	700 kg	900 kg	1350 kg

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