

Labomiz



Horizontal Autoclaves



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Horizontal Laboratory Autoclave MHA-1 Series is a microprocessor controlled automatic autoclave. It has a maximum working temperature of 134 ° C. Equipped with safety features like automatic shutoff preventing overload of current, auto protection against raised temperature and pressure making a reliable and user friendly device.

Features:

- ▶ Microprocessor control with fully automatic cycles
- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 134 °C
- ▶ Automated drying function
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication

Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-1A	MHA-1B	MHA-1C	MHA-1D	MHA-1E
Capacity	150 L	200 L	280 L	400 L	500 L
Sterilization Temperature	134 °C				
Sterilization Pressure	0.22 MPa				
Timer Range	0 - 60 minutes				
Heat Average	≤ ± 1 °C				
Chamber Dimensions (ΦxD)	440 × 1000 mm	515 × 1000 mm	600 × 1000 mm	700 × 1100 mm	700 × 1300 mm
Product Dimension (L × W × H)	1400 × 600 × 1300 mm	1400 × 670 × 1650 mm	1400 × 770 × 1780 mm	1430 × 880 × 1830 mm	1800 × 900 × 1820 mm
Power Supply	9 kW / AC 380 V 50 Hz	9 kW / AC 220V 50 Hz	12 kW / AC 380 V 50 Hz	18 kW / AC 380 V 50 Hz	
Net Weight	240 kg	260 kg	365 kg	420 kg	470 kg
Gross Weight	320kg	350kg	465kg	530 kg	580 kg

Horizontal Laboratory Autoclave MHA-2 Series is a floor standing autoclave with dual door opening from both the sides. Fully automatic computer controlled system with a sterilizing temperature of 138° C and heat resistant silicon rubber to prevent steam leakage makes this autoclave an ideal laboratory device.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 138 °C
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Self-inflating leak proof chamber
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication



Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-2A	MHA-2B
Capacity	300 L	600 L
Sterilization Temperature	138 °C	
Sterilization Pressure	0.20 MPa	
Timer Range	0 - 99 minutes	
Heat Average	≤ ± 1 °C	
Chamber Dimensions (ΦxD)	600 × 1000 mm	-
Product Dimension (L × W × H)	800 × 1400 × 1750 mm	1450 × 1100 × 2000 mm
Power Supply	12 kW / AC 380 V 50 Hz	3.9 kW/ 3 × 380 V 50 Hz
Net Weight	410 kg	1050 kg
Gross Weight	510 kg	1150 kg

Horizontal Laboratory Autoclave MHA-3 Series is a double door microprocessor controlled automatic autoclave. It is equipped with motorized or sliding door with an effective sterilization temperature of 139 ° C. With safety features like auto door lock against raised safety pressure and automatic shutoff preventing overload of current this autoclave is an ideal laboratory device.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 139 ° C
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication
- ▶ Motorized or sliding door with pneumatic sealing to prevent loss of sterile steam



Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-3A	MHA-3B	MHA-3C	MHA-3D	MHA-3E	MHA-3F	MHA-3G
Capacity	250 L	360 L	600 L	800 L	1200 L	1500 L	2000 L
Sterilization Temperature	139 °C						
Sterilization Pressure	0.25MPa						
Steam Pressure & Consumption	0.4 - 0.6 MPa / 15 kg	0.4 - 0.6 MPa / 20 kg	0.4 - 0.6 MPa / 30 kg	0.4 - 0.6 MPa / 40 kg	0.4 - 0.6 MPa / 48 kg	0.4 - 0.6 MPa / 50 kg	0.4 - 0.6 MPa / 55 kg
Water Source Pressure & Consumption	0.2 to 0.3 MPa / 150 kgs		0.2 to 0.3 MPa / 200 kgs	0.2 to 0.3 MPa / 250 kgs		0.2 to 0.3 MPa / 350 kgs	0.2 to 0.3 MPa / 400 kgs
Compressed Air Pressure	0.6 - 0.8 MPa						
Inner Chamber Dimension (LxWxH) mm	800x600x600	1000x600x600	1200x610x910	1500x610x910	1500x680x1180	1900x680x1180	1700x1000x1200
Outer Dimension (L × W × H) mm	1100x1300x1700	1300x1300x1700	1500 x350x1950	1800x1350x1950	1790x1450x1950	2190x1450x1950	2000x1850x2000
Power Supply	26 kW		36 kW	-			
Net Weight	650 kg	760 kg	1100 kg	1300 kg	1900 kg	2000 kg	2600 kg

Horizontal Laboratory Autoclave MHA-4 Series is a microprocessor controlled automatic autoclave. The complete leak proof chamber provides efficient sterilization process resulting in destruction of all living organisms due to the high pressure and temperature maintained. Equipped with safety features like automatic shutoff preventing overload of current, auto protection against raised temperature and pressure making a reliable and user friendly device.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 134 °C
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Self-inflating leak proof chamber
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication
- ▶ Computer controlled system

Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-4A	MHA-4B	MHA-4C
Capacity	150 L	200 L	280 L
Sterilization Temperature	134 °C		
Sterilization Pressure	0.22 MPa		
Timer Range	0 - 99 minutes		
Heat Average	≤ ± 2 °C		
Chamber Dimensions (ΦxD)	440 × 1000 mm	515 × 1000 mm	600 × 1000 mm
Product Dimension (L × W × H)	1400×650×1600mm	1400×750×1700mm	1520×910×1900mm
Power Supply	9 kW / 380 V 50 Hz	9 kW / 220 V 50 Hz	12 kW / 380 V 50 Hz
Net Weight	340 kg	350 kg	462 kg
Gross Weight	430 kg	436 kg	570 kg

Horizontal Laboratory Autoclave MHA-5 Series is a pulse vacuum single door autoclave. With a maximum working temperature of 134 ° C it effectively sterilizes media, liquids and waste to be discarded. High quality insulation and air sealed structure makes it efficient for large scale sterilization. Equipped with safety features like automatic shutoff preventing overload of current, auto protection against raised temperature and pressure making a reliable and user friendly device.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 134 °
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Self-inflating leak proof chamber
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication

Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-5A	MHA-5B	MHA-5C	MHA-5D	MHA-5E	MHA-5F	MHA-5G
Capacity	250 L	360 L	600 L	800 L	1200 L	1500 L	2000 L
Sterilization Temperature	139 °C						
Sterilization Pressure	0.25MPa						
Steam Pressure & Consumption	0.4 - 0.6 MPa / 15 kg	0.4 - 0.6 MPa / 20 kg	0.4 - 0.6 MPa / 30 kg	0.4 - 0.6 MPa / 40 kg	0.4 - 0.6 MPa / 40 kg	0.4 - 0.6 MPa / 55 kg	0.4 - 0.6 MPa / 65 kg
Water Source Pressure & Consumption	0.2 to 0.3 MPa / 150 kgs		0.2 to 0.3 MPa / 200 kgs	0.2 to 0.3 MPa / 250 kgs		0.2 to 0.3 MPa / 350 kgs	0.2 to 0.3 MPa / 400 kgs
Compressed Air Pressure	0.6 - 0.8 MPa						
Inner Chamber Dimension (LxWxH) mm	800x600x600	1000x600x600	1200x610x910	1500x610x910	1500x680x1180	1900x680x1180	1700x1000x1200
Outer Dimension (L × W × H) mm	1100x1300x1700	1300x1300x1700	1500 x350x1950	1800x1350x1950	1790x1450x1950	2190x1450x1950	2000x1850x2000
Power Supply	26 kW		36 kW	-			
Net Weight	650 kg	760 kg	1100 kg	1300 kg	1900 kg	2000 kg	2600 kg

Horizontal Laboratory Autoclave MHA-6 Series is a cylindrical oriented autoclave. Fully automatic computer controlled system with a sterilizing temperature of 134 ° C and heat resistant silicon rubber to prevent steam leakage. Automatic open of jacket and chamber valve incase the door is opened during the operation to prevent damage to the unit. Equipped with safety features like automatic shutoff preventing overload of current, auto protection against raised temperature and pressure.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 134 °C
- ▶ Automated drying function
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Self-inflating leak proof chamber
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication

Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-6A	MHA-6B	MHA-6C
Capacity	150 L	200 L	280 L
Sterilization Temperature	134 °C		
Sterilization Pressure	0.22 MPa		
Timer Range	0-60 minutes		
Heat Average	≤ ± 2 °C		
Chamber Dimensions (ΦxD)	440 × 1000 mm	515 × 1000 mm	600 × 1000 mm
Product Dimension (L × W × H)	1400×600×1300mm	1400×670×1650mm	1400×770×1780mm
Power Supply	9 kW / 380 V 50 Hz	9 kW / 220 V 50 Hz	12 kW / 380 V 50 Hz
Net Weight	240 kg	260 kg	365 kg
Gross Weight	320 kg	350 kg	465 kg

Horizontal Laboratory Autoclave MHA-7 Series is a front loading microprocessor controlled autoclave, with a sterilizing temperature of 134 ° With 0.22 MPa of pressure, these come fitted with safety valve, steam release valve, pressure gauge and drying function. Automatic power and water cut off with an alarming indicator when there is lack of water makes this autoclave safe and reliable to use.

Features:

- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 MPa
- ▶ Working temperature : 134 °C
- ▶ Automated drying function
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 MPa
- ▶ Self-inflating leak proof chamber
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication

Applications:

Suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

Specifications :

Model No.	MHA-7A	MHA-7B	MHA-7C
Capacity	200 L	280 L	150 L
Sterilization Temperature	134 °C		
Sterilization Pressure	0.22 MPa		
Timer Range	0 - 99 minutes		
Heat Average	≤ ± 2 °C		
Chamber Dimensions (ΦxD)	515 × 1000 mm	600 × 1000 mm	440 x1000 mm
Product Dimension (L × W × H)	1400×750×1650mm	1520×910×1900mm	1400×650×1600mm
Power Supply	9 kW / 380 V 50 Hz	12 kW / 380 V 50 Hz	9 kW / 380 V 50 Hz
Net Weight	350 kg	462 kg	340 kg
Gross Weight	436 kg	570 kg	430 kg

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