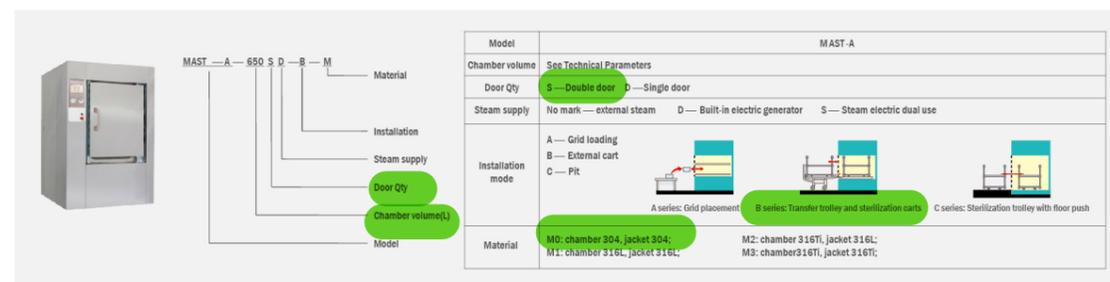




Order No.	Technical parameters	Chamber size (W×H×L/mm)	Overall dimensions (W×H×L/mm)	Power supply	Power kVA	Net weight Kg
A	MAST-A-140D-A-M(0/1)-E	420×420×830	1290×1680×1050	AC380V,50Hz	2.5	425
	MAST-A-140DD-A-M(0/1)-E		1290×1680×1050	AC380V,50Hz	24	525
	MAST-A-140S-A-M(0/1)-E		1290×1680×1100	AC380V,50Hz	2.5	510
	MAST-A-140SD-A-M(0/1)-E	1290×1680×1100	1290×1680×1100	AC380V,50Hz	24	610
	MAST-A-240D-A-M(0/1)-E	600×600×740	1370×1880×950	AC380V,50Hz	2.5	860
	MAST-A-240DD-A-M(0/1)-E		1370×1880×950	AC380V,50Hz	24	910
	MAST-A-240S-A-M(0/1)-E		1370×1880×1000	AC380V,50Hz	2.5	940
	MAST-A-240SD-A-M(0/1)-E	1370×1880×1000	1370×1880×1000	AC380V,50Hz	24	970
	MAST-A-350D-A-M(0/1)-E	600×600×980	1215×1880×1190	AC380V,50Hz	2.5	900
	MAST-A-350DD-A-M(0/1)-E		1215×1880×1190	AC380V,50Hz	24	930
	MAST-A-350S-A-M(0/1)-E		1215×1880×1240	AC380V,50Hz	2.5	980
	MAST-A-350SD-A-M(0/1)-E	1215×1880×1240	1215×1880×1240	AC380V,50Hz	24	1010
	MAST-A-350D-B-M(0/1)-E	600×600×980	1215×1880×1190	AC380V,50Hz	2.5	900
	MAST-A-350DD-B-M(0/1)-E		1215×1880×1190	AC380V,50Hz	24	930
	MAST-A-350S-B-M(0/1)-E		1215×1880×1240	AC380V,50Hz	2.5	980
MAST-A-350SD-B-M(0/1)-E	1215×1880×1240	1215×1880×1240	AC380V,50Hz	24	1010	
MAST-A-650D-B-M(0/1)-E	610×910×1180	1310×2070×1370	AC380V,50Hz	4	1120	
MAST-A-650DD-B-M(0/1)-E		1310×2070×1370	AC380V,50Hz	46	1250	
MAST-A-650S-B-M(0/1)-E		1310×2070×1420	AC380V,50Hz	4	1250	
MAST-A-650SD-B-M(0/1)-E	1310×2070×1420	1310×2070×1420	AC380V,50Hz	46	1380	
MAST-A-810D-B-M(0/1)-E	610×910×1460	1310×2070×1650	AC380V,50Hz	4	1260	
MAST-A-810DD-B-M(0/1)-E		1310×2070×1650	AC380V,50Hz	61	1380	
MAST-A-810S-B-M(0/1)-E		1310×2070×1700	AC380V,50Hz	4	1360	
MAST-A-810SD-B-M(0/1)-E	1310×2070×1700	1310×2070×1700	AC380V,50Hz	61	1480	
MAST-A-990D-B-M(0/1)-E	610×910×1800	1310×2070×1990	AC380V,50Hz	4	1360	
MAST-A-990DD-B-M(0/1)-E		1310×2070×1990	AC380V,50Hz	61	1500	
MAST-A-990S-B-M(0/1)-E		1310×2070×2040	AC380V,50Hz	4	1460	
MAST-A-990SD-B-M(0/1)-E	1310×2070×2040	1310×2070×2040	AC380V,50Hz	61	1600	
MAST-A-1200D-B-M(0/1)-E	680×1180×1500	1450×1990×1710	AC380V,50Hz	5	1690	
MAST-A-1200DD-B-M(0/1)-E		1450×2600×1710	AC380V,50Hz	90	1850	
MAST-A-1200S-B-M(0/1)-E		1450×1990×1760	AC380V,50Hz	5	1790	
MAST-A-1200SD-B-M(0/1)-E	1450×2600×1760	1450×2600×1760	AC380V,50Hz	90	1950	
MAST-A-1500D-B-M(0/1)-E	680×1180×1870	1450×1990×2080	AC380V,50Hz	5	1870	
MAST-A-1500DD-B-M(0/1)-E		1450×2600×2080	AC380V,50Hz	100	2030	
MAST-A-1500S-B-M(0/1)-E		1450×1990×2130	AC380V,50Hz	5	1970	
MAST-A-1500SD-B-M(0/1)-E	1450×2600×2130	1450×2600×2130	AC380V,50Hz	100	2130	
MAST-A-2000S-B-M(0/1)-E	680×1180×2570	1450×1990×2830	AC380V,50Hz	5	2350	
C	MAST-A-1200DD-C-M(0/1)-E	680×1180×1500	1450×1990×1710	AC380V,50Hz	5	1690
	MAST-A-1200S-C-M(0/1)-E		1450×2600×1710	AC380V,50Hz	90	1850
	MAST-A-1200SD-C-M(0/1)-E		1450×1990×1760	AC380V,50Hz	5	1790
	MAST-A-1200DD-C-M(0/1)-E	1450×2600×1760	1450×2600×1760	AC380V,50Hz	90	1950
	MAST-A-1500D-C-M(0/1)-E	680×1180×1870	1450×1990×2080	AC380V,50Hz	5	1870
	MAST-A-1500DD-C-M(0/1)-E		1450×2600×2080	AC380V,50Hz	100	2030
	MAST-A-1500S-C-M(0/1)-E		1450×1990×2130	AC380V,50Hz	5	1970
	MAST-A-1500SD-C-M(0/1)-E	1450×2600×2130	1450×2600×2130	AV380V,50Hz	100	2130
	MAST-A-2000S-C-M(0/1)-E	680×1180×2570	1450×1990×2830	AC380V,50Hz	5	2350

Supporting resources 1. Steam source pressure (external steam type): 0.3-0.5MPa; 2. Water source pressure: 0.15-0.3MPa; 3. Compressed air source pressure: 0.5-0.7MPa



MAST-A Pulse Vacuum Sterilizer

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*Version: 2022. 09

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MAST-A Pulse Vacuum Sterilizer

Product Description

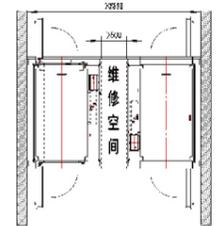
MAST-A Pulse Vacuum Sterilizer is a high-temperature sterilization product developed according to the latest requirements of the Sterilization and Supply Centers of Modern Medical Service Institutions, which can meet the disinfection and sterilization needs of Hospital Sterilization and Supply Centers in all aspects.

Product Performance Features

- Ring reinforced structure of the main body**
 Advantages compared with the plug-welded jacket body: higher strength and stability of the chamber; multi-point steam inlet, multi-stage heating, temperature gradient to facilitate steam convection in the chamber, more uniform temperature distribution; saving steam consumption; lighter overall weight of the sterilizer.
 - ☆ Solid, reliable and durable
 The main body is designed with internal stress analysis according to conventional design and analysis methods, and the main body model is simulated and designed with modern high simulation software, and the designed service life is up to 15 years (or 30,000 sterilization cycles) depending on the material.
 - ☆ Strictly standardized processing
 The main body is automatically welded and shaped by robots to ensure the consistency of the welding specification; strict welding process assurance and aging treatment ensure the reliable quality of the main body of the sterilizer.
- Sealing door with multiple safety guarantees**
 - ☆ The sealing door adopts electric lift and air pressure sealing structure
 - ☆ Sealing gasket adopts round hollow structure
 - ☆ Pressure vessel safety chain device
 - ☆ Double door interlock protection device
- Energy saving and noise reduction**
 Unique water-saving and noise-reducing device, low water consumption and low noise
- Space saving**
 Single-side maintenance, equipment can be installed against the wall, and two equipment can share the same maintenance space



- MAST4000 control system**
 Accurate and reliable sterilization process.
 - ☆ Intelligent dual-pressure control: Pressure transmitters are used for both jacket and chamber pressure control to ensure the maximum accuracy of steam pressure
 - ☆ Temperature record: independent acquisition of chamber temperature recording
 - ☆ Cycle selection: 32 sets of preset cycles to meet users' different sterilization process requirements
 - ☆ Safe and friendly display interface
 - ☆ 5 levels of user authority management system, standardize user management
 - ☆ Intelligent fault alarm and information prompt
 - ☆ Multiple display languages to choose
 - ☆ Network: high-speed network interface for easy access to information traceability system



- Scientific and reasonable design parameters**

Item	Chamber	Jacket
Design pressure MPa	-0.1/0.3	0.3
Design temperature °C	150	150
Working pressure MPa	-0.1/0.25	0.25
Maximum working temperature °C	139	139
Safety valve opening pressure MPa	0.3	0.3



Sterilization running guarantee

