

Infection Control Systems

For health Be credible



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*Version: 2016-1



SHINVA 新华医疗

MAST-V Steam Sterilizer

Product introduction

MAST-V is a fast, compact and versatile sterilizer which is researched and developed according to the latest requirements of medical institution and CSSD. It is designed and manufactured combines high capacity with cost-efficiency, while offering high operating reliability and easy maintenance.

The design of chamber accords with state GB1502011, GB8599-2008, CE and European EN285 standard.



Product features

- Superb chamber machining and welding process**
The acid-proof stainless steel chamber and jacket are automatically robot-welded to guarantee long time and trouble-free operation.
- Nice chamber surface**
Surface Smoothness, Ra≤0.5; No welding part or bolt in the chamber which effectively protects the items to be sterilized. Steam baffle plates are surrounded by silicon rubber protecting the chamber surface.
- Reliable and durable chamber**
Chamber is designed according to professional analytical method. High-emulation software ANSYS is used for chamber simulation. Design service life: 10 years (or 20000 times sterilization)
- Reasonable sealing structure**
Compact designed sealing groove, durable circular hollow silicon gasket, sealed by compressed air.

- Vertical sliding door**
The door is up and down vertical sliding by air cylinder. It is faster and saves space, while offering proven, handles-free convenience.
- Precise pressure detecting and control**
Intelligent pressure transmitters, Wika (Germany), ensure steam pressure detecting and control both in Chamber and jacket.
- Unique vacuum noise-reduction system**
LNS low-noise and water-saving vacuum system, effective reduced the noise during running.
- Humanized operation system**
Colorful touch screen on loading-side, 6 indicating lamps on unloading sides, which are concise, vivid and exactly showing sterilization running status and alarming information.
- Reasonable pipeline layout**
All the pipes, valves and components are designed and installed in single side, which is more convenience for repair and maintenance. The sterilizers can be installed against the wall and also, two sterilizers can use the same maintenance space to save installation space.

Technical parameters

Model	Order code	Volume	Chamber dimension (W×H×Dmm)	Overall dimension (W×H×Dmm)	Weight (kg)	Input power (kVA)	Power supply (V/Hz)	Remark
MAST-V-280	MAST-V-280D-B-N	280	535×535×1000	1200×1800×1340	920	2.5	AC 380V, 50Hz	Single door/external steam supply/cart and trolley load
	MAST-V-280S-B-N				950	2.5		Double door/external steam supply/cart and trolley load
	MAST-V-280DD-B-N				970	29		Single door/built-in steam generator/cart and trolley load
	MAST-V-280SD-B-N				1000	29		Double door/built-in steam generator/cart and trolley load
MAST-V-450	MAST-V-450D-B-N	450	675×675×1000	1307×1900×1340	1315	4	AC 380V, 50Hz	Single door/external steam supply/cart and trolley load
	MAST-V-450S-B-N				1350	4		Double door/external steam supply/cart and trolley load
	MAST-V-450DD-B-N				1365	46		Single door/built-in steam generator/cart and trolley load
	MAST-V-450SD-B-N				1400	46		Double door/built-in steam generator/cart and trolley load
MAST-V-610	MAST-V-610D-B-N	610	675×675×1350	1307×1900×1690	1515	4	AC 380V, 50Hz	Single door/external steam supply/cart and trolley load
	MAST-V-610S-B-N				1550	4		Double door/external steam supply/cart and trolley load
	MAST-V-610DD-B-N				1565	48		Single door/built-in steam generator/cart and trolley load
	MAST-V-610SD-B-N				1600	48		Double door/built-in steam generator/cart and trolley load
MAST-V-800	MAST-V-800D-B-N	800	675×675×1750	1307×1900×2090	1815	4	AC 380V, 50Hz	Single door/external steam supply/cart and trolley load
	MAST-V-800S-B-N				1850	4		Double door/external steam supply/cart and trolley load
	MAST-V-800DD-B-N				1865	54		Single door/built-in steam generator/cart and trolley load
	MAST-V-800SD-B-N				1900	54		Double door/built-in steam generator/cart and trolley load