

Infection Control Systems

For health Be credible



Shandong Xinhua Medical Instrument Co.,Ltd.

Registered address: Xinhua Medical Scientific Zone, Zibo New & Hi-Tech
Development Zone, Shandong Province, P. R. China
Production address: No. 2009,Xinhua Ave, Zhoucun District, Zibo City,
Shandong Province, P. R. China

Post code: 255300
Sales tel: 0086-533-3581273
Sales fax: 0086-533-3581585
Email: shinvacare@shinva.com
Website: www.shinva.com

*Version: 2016-1



SHINVA 新华医疗

MAST-H Steam Sterilizer

Product introduction

MAST-H is one of the new breed of state of the art steam sterilizer with large size capacity while offering automatic horizontal sliding door, intelligent control, reliable operation and easy maintenance, which is suitable for the high level customer with large scales. It is developed according to the latest requirements of medical institution and CSSD. MAST-H sterilizer can be widely used in biological engineering, health care, animal laboratory, pharmaceutical industry for the sterilization of biological products, containers, sterile clothing, medical equipment, medical dressings and other items.

The design of chamber accords with state GB1502011, GB8599-2008, FDA and European EN285 ,EC\97\23 standard.



Product features

- **Automatic horizontal sliding door**
The doors are automatic horizontal sliding, driven by electric motor and belt, which realizes intelligent control, reliable operation and easy maintenance. The door operation is carried out on touch screen ensures operators no need to touch the door any more.
- **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 design**
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. Concave structure in middle chamber ensures the condensate water thoroughly drained and dried.
- **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.
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 maintenance space**
MAST-H steam sterilizer is design with maintenance space, the access to the maintenance is available from the front side, no need the extra space. All the pipes, valves and components are designed and installed in single side, which is more convenience for repair and maintenance.

Model	Order Code	Volume	Chamber dimension (W×H×Dmm)	Overall dimension (W×H×Dmm)	Input power (kVA)	Power supply (V/Hz)	Remark
MAST-H	MAST-H-800S-B-N	800L	660×1080×1274	1780×1900×1774	4	AV 380V, 50Hz	Double door/external steam supply/cart and trolley load
	MAST-H-1000S-B-N	1000L	660×1080×1500	1780×1900×2000	4		Double door/external steam supply/cart and trolley load
	MAST-H-1200S-B-N	1200L	680×1180×1500	1900×1900×2000	5		Double door/external steam supply/cart and trolley load
	MAST-H-1500S-B-N	1500L	680×1180×1870	1900×1900×2360	5		Double door/external steam supply/cart and trolley load