

## Sterilization today: reliable, cost-effective and ergonomic



MST-H steam sterilizer with horizontal sliding door –  
for professional sterilization of medical devices

Clearly visible from a distance: process status display for showing important process data such as remaining run time, readiness for loading or unloading and warning messages



## Cost-effective operation combined with highest possible reliability – the new MST-H steam sterilizer

Customer needs as well as reliability and cost effectiveness were at the center of attention during the development of the newest MST-H steam sterilizer. Optimized process technology and well-thought-out processes ensure greatest possible resource savings. Developed in accordance with the current directives, the MST-H steam sterilizer guarantees reliable reprocessing of medical devices.

Cost-effectiveness and sustainability are absolutely fundamental to our thinking. As in other departments, economic aspects are becoming more and more important in the CSSD, requiring optimized reprocessing quality to be reconciled with cost savings.

### High turnover while economizing on resources

Equipped with the innovative Belimed process technology, the MST-H steam sterilizer achieves greatest possible efficiency and cost effectiveness. Our innovative technology reduces water consumption, or allows for a higher inlet temperature of the cooling water with corresponding energy savings.

### Uniform operation

Whether sterilizer or cleaning device – all systems of the new Belimed device generation have a uniform operating interface. The menu navigation is clearly laid out and the illuminated color display is easy to read even when viewed from the side at an extreme angle. Important process data such as remaining run time, readiness for loading or unloading and warning messages are shown on the process status display which is clearly visible from a distance.

### Batch documentation

The essential batch data are printed out by the printer which is integrated as standard. For complete, detailed documentation, the MST-H steam sterilizer can be connected up to the Belimed ICS 8535 documentation system.

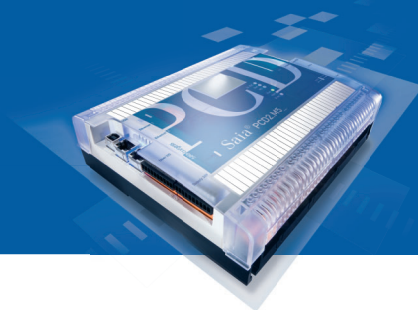
### Extensive accessories, automated processes

A broad range of accessories allows the degree of automation of the MST-H steam sterilizer to be customized to suit your individual needs. Loading and unloading modules, queuing sections and return locks ensure continuous operation of the sterilizer. The Belimed transfer trolleys are easy to use and reliable. Thanks to a height-adjustable design, the working height can be freely selected and adjusted to the ideal ergonomic level of the user.



MST-H steam sterilizer

The up-to-date PLC facilitates access to the data of the sterilizer and enables remote maintenance via internet (remote diagnostics).



## Optimized standard programs

The MST-H offers a range of different standard programs for solid, difficult-to-deaerate and porous sterile items. For routine testing of the sterilizer, the required test programs such as Bowie-Dick test or vacuum test are available. The program parameters can be customized to suit customer-specific requirements.

Program / temperature	Application	Plateau time (min)	Drying time (min)
FRVV-VMT/134° C	Solid items to be sterilized <ul style="list-style-type: none"> <li>• Packaged instruments</li> <li>• Empty glass containers</li> <li>• Empty metal containers</li> </ul>	3–5	20
FRVV-VMT/134° C	Items to be sterilized that are difficult to deaerate <ul style="list-style-type: none"> <li>• Textiles</li> </ul>	3–5	6
FRVV-VMT/121° C	Porous items to be sterilized	20	6
FRVV-VMT/134° C	134°C special	60	6
Test programs and auxiliary programs			
VOVV-VMT/134°C		3–5	3
Vacuum test		–	–
Bowie-Dick test		3,5	3

### Dimensions

Chamber volume StE <sup>1</sup>	Model		Chamber dimensions H x W x D (mm)	Unit dimensions H x W x D (mm)	Loading height (mm)
	Single-door	Two-door			
9	9-6-9 HS1	9-6-9 HS2	1080 x 660 x 1021 (1058) <sup>2</sup>	1970 x 1700 x 1374	350
12	9-6-12 HS1	9-6-12 HS2	1080 x 660 x 1361 (1398) <sup>2</sup>	1970 x 1700 x 1714	350
15	9-6-15 HS1	9-6-15 HS2	1080 x 660 x 1669 (1706) <sup>2</sup>	1970 x 1700 x 2022	350
18	9-6-18 HS1	9-6-18 HS2	1080 x 660 x 1977 (2014) <sup>2</sup>	1970 x 1700 x 2330	350

<sup>1</sup> 1StE = 300 x 300 x 600 mm

<sup>2</sup> Dimensions of the two-door version

All models are also available as floor loading sterilizers.

**Transport system**  
Example of the system:  
MST-H 9-6-9 HS2

Automatic unloading system,  
batch cart and transport trolley



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