

Sterilization today and in the future: reliable, cost effective and ergonomic



MST-H

Steam sterilizer with horizontal sliding door –
for maximum throughput

Cost effective operation combined with the highest possible reliability—the MST-H steam sterilizer

High throughput, reliability and cost effectiveness are priorities during the continuous development of the MST-H sterilizer. Optimised process technology ensures greater resource savings. Developed in accordance with the current norms and directives, the MST-H steam sterilizer guarantees reliable reprocessing of medical devices.

Cost effectiveness and sustainability are absolutely fundamental to our thinking. These factors are becoming more and more important in the Central Sterile Services Department (CSSD), requiring optimised reprocessing quality to be reconciled with cost savings.

High throughput, economical use of resources and well thought-out processes

Equipped with the innovative Belimed process technology, the MST-H sterilizer achieves greatest possible efficiency and cost effectiveness. Our innovative technology reduces water consumption and wetness in clean steam for energy savings and a higher efficiency.

Batch documentation

The essential batch data are printed out by the printer which is integrated as standard. For complete, detailed documentation, the MST-H sterilizer can be connected 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 sterilizer to be customised to suit your individual needs. Loading module, unloading module, queuing section and return gate ensure continuous operation of the sterilizer. The Belimed transport trolleys are easy to use and reliable.

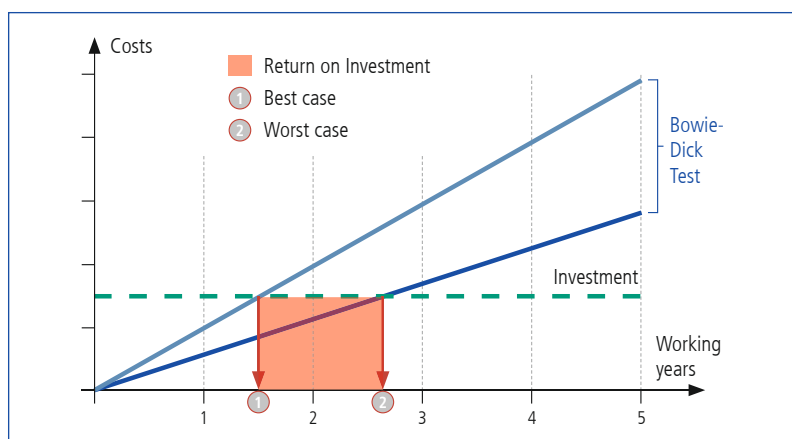
Optional features:

- External installation vacuum pump
- Integrated electronic Bowie-Dick Test incl. early start function
- Connection to a cooling circuit to reduce water consumption up to 95%, including optional "back-up" function
- Electric or steam heated pure steam generator (integrated or external)
- Liquid program cycle with flexible temperature probe*
- Automatic loading and unloading systems
- Return gate single-door (with/without queue line)

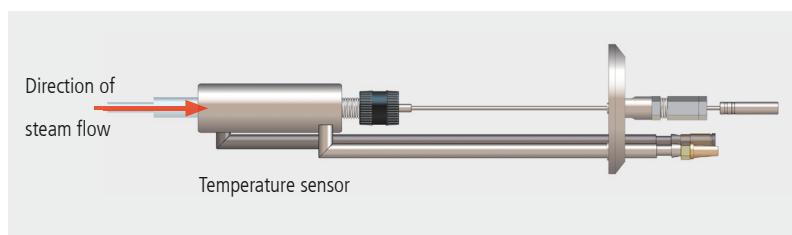
Integrated Bowie-Dick Test

Belimed now offers the option of a Bowie-Dick Test coming along with the following benefits:

- Integrated in the sterilizer
 - no additional effort or materials required
- Electronic
 - no need for consumables, thus saving costs
- Automated
 - Time saving due to early start function enabling Bowie-Dick Test performance prior to starting the work day before starting the CSSD** work shift
- The air detector is available in combination with the Integrated Bowie-Dick Test. If desired the air detector cycle can be activated
- Return on Investment (RoI) in 1 to 3 years



Return on Investment integrated Bowie-Dick Test



Integrated Bowie-Dick Test

* Only for DGRL version ** CSSD = central sterile services department

Being on the safe side

Steam Switch-Over (Optional)

Maximum availability/minimal downtime

In case the house steam supply fails or needs servicing, this option allows switching over to an integrated steam generator.

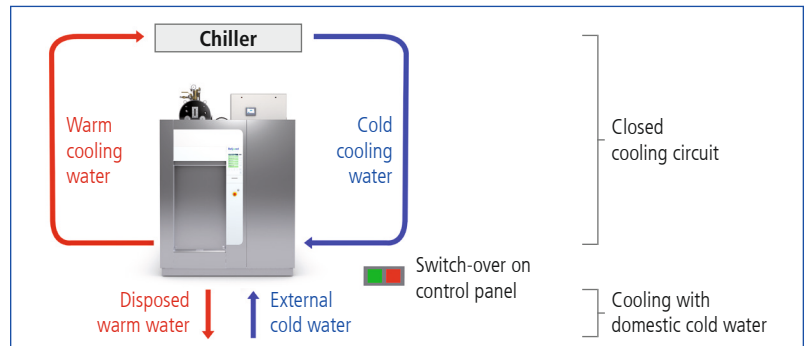
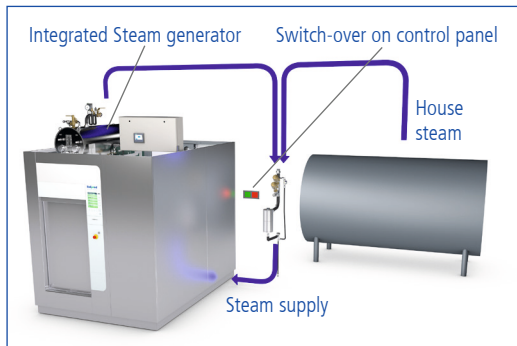
Cold water switch-over (Optional)

Water saving

Thanks to the Belimed process technology, a maximum of economic efficiency is achieved. Saves from 350 liter to 740 liter water per cycle.

Back-up function

In case the cooling-circuit fails, this option enables switching to domestic cold water.



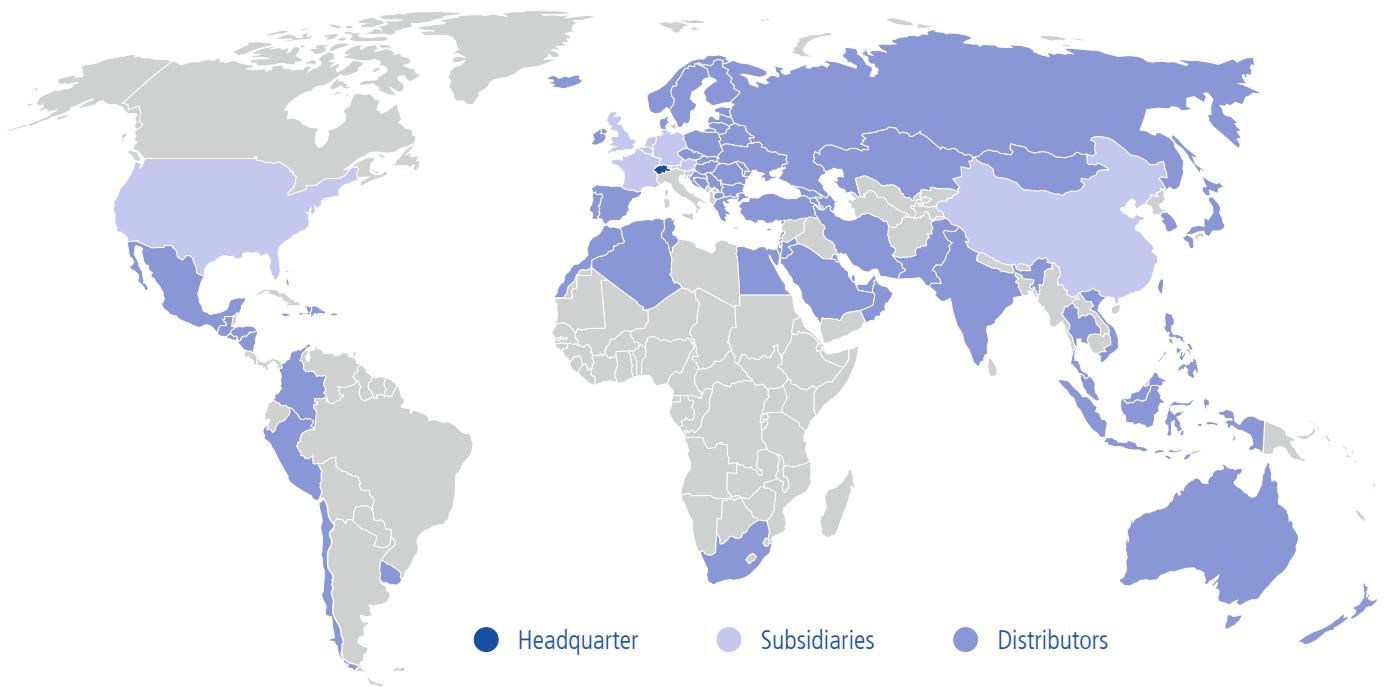
Dimensions

Chamber volume StU ¹	Model		Liters	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 HS2 ⁴	761	1,080 x 660 x 1,040	2,000 x 1,700 x 1,280 (1,300) ²	350
12	9-6-12 HS1 ³	9-6-12 HS2	1,006	1,080 x 660 x 1,400	2,000 x 1,700 x 1,660 (1,680) ²	350
15	9-6-15 HS1 ³	9-6-15 HS2	1,228	1,080 x 660 x 1,700	2,000 x 1,700 x 1,960 (1,980) ²	350
18	9-6-18 HS1 ³	9-6-18 HS2	1,449	1,080 x 660 x 2,000	2,000 x 1,700 x 2,260 (2,280) ²	350

¹ StU = Sterile Unit = 300 x 300 x 600 mm ² Dimensions of the two-door version ³ ASME™ only ⁴ Not available as ASME™ Version
 *** ASME = American Society of Mechanical Engineers. Model according to US engineer standards, for the US market.



MST-H automation unit, queue line, batch cart and transport trolley



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