

Steam steriliser for medical products –
compact, safe and conforming to standards.



VAPOFIX 336 / VAPOFIX 339
Compact steam sterilisers for safe and efficient
sterilisation in CSSD, hospitals and clinics.



VAPOFIX steam sterilisers are perfectly suited to being incorporated into central sterilisation management departments and clinics

Innovation based on experience and state-of-the art technology

As a leading supplier of decontamination systems and solutions in the sector of infection control, Belimed has over 30 years of experience, developing and providing products to meet all aspects of cleaning, disinfection and sterilisation in the healthcare, pharmaceutical and laboratory sectors.

With the acquisition of the sterilisation division of Schaerer, Belimed is now marketing the new developed VAPOFIX 336 and VAPOFIX 339 compact steam sterilisers.

Flexible

The fully revised series of sterilisers has been developed specifically for use in hospitals and clinics and can be used either as a stand-alone unit or as a panel mounted module.


Compliant with current standards

The sterilisation devices meet the requirements of the DIN EN 285 standard and can be validated according to DIN EN 554 and DIN EN ISO 17665-1.

Your advantages at a glance

The Belimed VAPOFIX sterilisers

- have fast and safe processes
- are user-friendly and ergonomic
- guarantee effective sterilisation
- combine the latest technology
- ensure ease of access for servicing and maintenance work
- have a small footprint: only 60 cm wide
- offer a wide range of accessories and options



The solid-silicon door seal lasting up to five times longer than comparable systems

Leading in safety, functionality and efficiency

We leave nothing to chance as far as safety, reliability, functionality and economy are concerned. Belimed's VAPOFIX sterilisers were developed to meet precisely these demands. The focus is on safety and reliability for patients, operating personnel, doctors and the environment.

Greater safety

Every detail is rigorously geared towards ensuring that the sterilisers operate safely. The solid silicon door seal lasting up to five times longer than comparable systems is an example of the excellent level of quality. The seal is exchanged every 3,500 batches or at least every year. The SAIA industrial programmable logical controller and the double, independent pressure and temperature sensors comply with the requirements of EN 285 and ensure additional safety.

High efficiency

Belimed VAPOFIX steam sterilisers provide a high performance and longevity compared to its low life cycle cost. The optimal process control reduces water and energy consumption and therefore reduces running costs. The components and materials used are of the highest industrial standard used throughout the Belimed steriliser range, guaranteeing the maximum reliability.

The Belimed VAPOFIX sterilisers are equipped with a high level, low noise vacuum pump, that provides low noise levels plus effective and reproducible air removal of the sterile items, including lumen instruments.

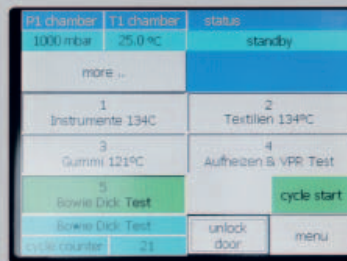
Practical functionality

Thanks to the integrated early-start program, VAPOFIX steam sterilisers can be programmed to go through a pre-heat and vacuum test independently, allowing the steriliser to be used at the start of the operational day.



VAPOFIX steam sterilizing machine with in-built early-start program

5.7" touch operating panel



Fast and easy to use – first-rate technology and processing

Human resources and time are valuable. In order to use these resources economically, efficient conditioning processes and easy-care systems are all the more important. The VAPOFIX steam sterilisers were developed from the outset to meet these requirements. The devices provide excellent sterilisation cycles, are easy to use and provide a high level of quality.

Short batch times

VAPOFIX sterilisers offer optimal batch times; this means that the prescribed standards are met at each step of the process whilst providing cycle times as short as possible.

Logical user prompting

A 5.7" touch panel provides operator prompting and displays information at all times on process data and process status. Warning messages and alarms are displayed both with plain text and graphically.

Batch documentation that complies with current standards

The controller-dependent measurement technology records all values that are relevant to the process. The values are documented with an in-built batch printer for each sterilisation cycle. An Ethernet or RS 485 interface can also be obtained to connect to a secondary IT system or to the Belimed documentation system, the ICS 8535.

Long service life

Engineering expertise, along with modern assembly processes and the use of high quality components ensures that VAPOFIX sterilisers have a long operational life span.

Modern, easy-care design

- Exterior cladding made of ground chromium-nickel steel 1.4301/304
- Sterilisation chamber made of highly acid-resistant chromium-nickel molybdenum steel 1.4404/316L
- Ribbed double casing made of 1.4541/321
- Sterilisation chamber with 1 or 2 doors
- Vertical, easy-move sliding door

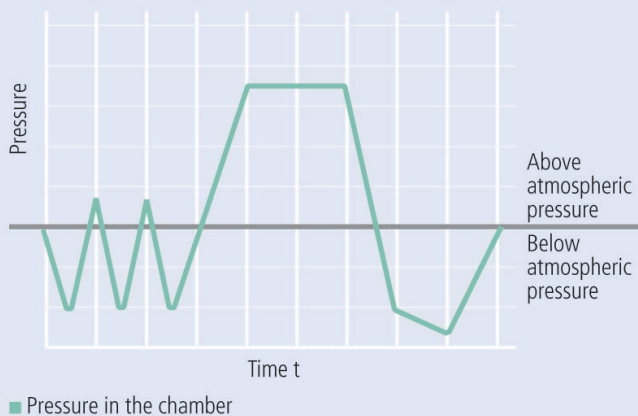


VAPOFIX standard program or individual program selection

The selection of processes is suitable for handling the most frequently used instruments, textiles and heat-stable sterile items. It is possible to customise the requirements at any time.

Program / Temperature	Application
Instruments / 134° C	Solid materials to be sterilised: <ul style="list-style-type: none"> • wrapped instruments • empty glass containers • empty metal containers
Textiles / 134° C	Materials to be sterilised from which air cannot be easily displaced <ul style="list-style-type: none"> • textiles
Rubber / 121° C	Porous materials to be sterilised <ul style="list-style-type: none"> • rubber items
Express / 134° C	134° C special
Test programs and utilities	
Warm up and vacuum test	Early start
Vacuum test	
Bowie-Dick test	

Typical pressure curve during the saturated steam process



Comprehensive range of services

Belimed's integral service package extends well beyond installation and maintenance. Our range of systematic services also includes training of CSSD staff, conversion of existing installations, bridging capacity bottlenecks with mobile cleaning and sterilisation units and both qualification and validation services.

Professional advice

The aim of our advisory service is to offer the client a range of services that is suited to their needs.

Engineering services

We will support you in the pre-project phase, through installation, commissioning and throughout the equipments' operational life.

Test room

Our fully-equipped test room is available to carry out tests, along with the expertise of our in-house steriliser team.

Installations/setting up

Our Belimed trained installation technicians can install and set up the facilities.

Certifications

Certifications are carried out in accordance with EN 554/EN ISO 17665-1. The documentation and the certification provided confirms that any facility meets the legal standard requirements.

Maintenance and support

Once the facilities are running, you can make use of our support services: from telephone support, or by remote maintenance via a modem providing on-site technical assistance.

High-performance mobile CSSD

Our mobile stations are fully equipped with sterilisers and cleaning machines. Production bottlenecks can be dealt with during renovation work without entailing significant outlay.

Training and seminars

In our specially equipped premises you can take part in regular training courses and seminars. You can obtain information on this from our company representatives.

Modernisation and modification

We also provide upgrades to old sterilisation facilities and bring them up to the very latest standards with regard to safety, piping, regulations and operations.



Technical data

	VAPOFIX 336	VAPOFIX 339
Chamber Chamber dimensions H x W x D Chamber volume Usable space	335 x 335 x 640 mm 73 litre 1 StU	335 x 335 x 940 mm 110 litre 1,5 StU
Installation External dimensions H x W x D Weight	1500 x 600 x 800 mm approx. 310 kg	1500 x 600 x 1100 mm approx. 340 kg
Doors Number of doors, vertical, manual	standard 1, optional 2	standard 1, optional 2
Operation	Full colour touch panel with graphic and text display	Full colour touch panel with graphic and text display
Documentation	integrated batch documentation printer, optional RS 485 and Ethernet	integrated batch documentation printer, optional RS 485 and Ethernet
Power ratings Steam generator Water ring vacuum pump Electrical connection	optional, 11,6 kW 0,4 kW 3L, N, PE	optional, 17,4 kW 0,4 kW 3L, N, PE

Subject to modification

Belimed system solutions – One-stop shop

Cleaning, disinfection, and sterilisation: everything that Central Sterile Supply Management Departments and medical practices need can be supplied by Belimed. High performance machines, an extensive range of accessories in addition to a full range of technical support and after sales services.

We have the skills and expertise for every requirement and task, providing a minimum outlay for you, reducing the coordination of a large number of suppliers and products, you can rely on one single system partner, which in turn saves time, money and resources.



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