

## Summary Sheet

Please note this is a basic summary only. For a copy of the full length product brochure please contact Gallay.



Product Name : Belimed BST  
Category : Pharmaceutical (GMP) Autoclaves  
Main Category : Science & Pharma

### Overview

#### Modular System - Combining the Best of Two Worlds

The new Belimed BST steriliser boasts an innovative modular system allowing for the ultimate customisation for your application. This modular platforms allows for your specific requirements to be met, making it more flexible than ever. This pharmaceutical steriliser consists of a well-stocked line of components, providing the opportunity to be expanded to include individual solutions to this autoclave.

Sterilization requirements vary and the flexibility of these heterogeneous demands is vital, hence process parameters such as pressure, temperature and time can all be individually adjusted for optimal use in your application.

#### User Friendly Interface with Intuitive Operation

Equipped with intuitive touchscreen technology, the BST also provides a high performance user interface. The user is provided with a quick overview of all processes and process parameters at any given time for their convenience on a large colour monitor. A visual colour-based indicator system also informs the user of the systems current program status using different colours. This ensures smooth operation of the device in a way that is especially clear, understandable and fast

#### A Variety of High Performance Processes

The BST range is suitable for sterilizing solid and porous products, as well as items with challenging air removal properties. This range of pharmaceutical sterilisers provides users with peace of mind. With self-contained measuring and control circuits to guide and monitor the every sterilization cycle, it is ensured that all the performance parameters set are automatically adhered to.

#### Energy Efficient Operation with Low Cycle Times

Shorter cycle times provided also ensure greater availability of the product being sterilised. The innovative airflow in this GMP autoclave makes it possible to combine high process quality with short cycle times. High performance processes such as products being both cooled and dried at the same time with sterile pressurized air ensures shorter cycle times and your products being immediately ready for use after each cycle.

### Specifications

#### Core Features

- Chamber and jacket built in AISI 316L, stainless steel
- Pressure vessel 100% Swiss made



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- Robotically welded
- Chloride free insulation encased in rigid Aluminium
- Single or double horizontal solid plate door
- Most reliable door design in the industry
- Simple Door Seal maintenance function without tools
- Process piping built in AISI 316L
- Well established and highly reliable OEM components
- Pneumatically operated process valves
- PT100 Temperature sensors according IEC 751
- Redundant chamber pressure transducers with separation membrane
- Validation port
- Fascia panelling is fully hinged and made completely of AISI 304SS for cleaning chemical resistance
- Easy service access from the front, side access not needed
- Material handling equipment, built in AISI 304 or AISI 316L

### **Process Features**

- Saturated steam method
- Steam-air mixture method with support pressure
- Drying of products by vacuum step (FVT)
- Fully automated vacuum leak test
- Bowie dick test procedure
- Constant draining of the condensate
- Temperature or pressure controlled processes
- FO or time based sterilization
- Passive cooling of the products
- Water recovery system for vacuum pump
- Product temperature monitoring and controlling

### **Applications**

- Environmental Laboratory Equipment
- Soil Testing Equipment
- Genetic Laboratory Equipment
- Forensic Lab Equipment
- PCR Work
- Food & Beverage Manufacturing
- Biochemistry
- Animal Handling
- Biological Handling
- School & University
- Research & Development

### **Downloads**

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