

## Sturdy "SAT" Sterilizers



**WIDE RANGE OF USAGE:** "POINTER" autoclaves provide sterilization pressure 1.4kg/cm<sup>2</sup> approx. 122°C. Which are suitable for wrapped/unwrapped materials, utensils, liquids, and etc. Widely used in hospital, clinic, and laboratories.

**LOW WATER ALARM:** The "LOW WATER" indication lamp will be light-on, and buzzer, and stop all the Function in the same time. When the water in the boil, is not enough.

**STAINLESS STEEL CHAMBER SUPPORTER:** The chamber is supported by heavy tubular stainless steel stand. With stainless steel and floor flanges for level adjustment.

**DOUBLE WALL CHAMBER DESIGN:** The autoclave designed with double chamber, and the chambers are separated with boil tank. So, the dry function would be perfect.

**PRE-HEATING PROGRAM:** Pre-heating by jacket (double chamber design), which can not only to keep the chamber temperature in balance, but also to offer the perfect dry function. And, the best sterilization function and optional automatic dry function & water level control are provided.

**Control system:**

PLC control system with digital temperature display temperature control system

**Construction:**

Chamber design  
Asme

**Features:**

Water level control switch  
Temperature control switch  
Pre-vacuum function  
Dry-vacuum function  
Temperature recorder  
6 points temperature recorder  
Door pressure auto-lock  
Pressure control switch (2)  
Automatic add-water

**Safety device:**

Pressure protection switch  
Temperature control switch  
Water level control system  
Low water indication/cut-off  
Safety valve, door alarm, pressure door auto-lock

**Option:**

St.st.basket x 2 pcs & transportation cart  
Double door  
Sliding door construction

**Models:**

SAT-450	141L	7KW
SAT-500	196L	9KW
SAT-600	339L	12KW
SAT-S0110	110L	10KW
SAT-S0260	260L	12KW
SAT-S0454	454L	15KW

## Sturdy "POINTER" Sterilizers



### Pointer Series with Automatic control :

#### WIDE RANGE OF USAGE:

"POINTER" autoclaves provide sterilization pressure 1.4 kg/cm<sup>2</sup> approx. 122°C. Which are suitable for wrapped / unwrapped materials, utensils, liquid (optional), and etc. Widely used in hospital, clinic, and laboratories.

#### LOW WATER INDICATION:

The "LOW WATER" indication lamp will light-on, and stop all functions in the same time, when water in the steam generator, is not enough.

#### STAINLESS STEEL CHAMBER SUPPORTER:

The chamber is supported by heavy tubular stainless steel stand with stainless steel floor flanges for level adjustment.

#### DOUBLE WALL CHAMBER DESIGN:

The autoclave designed with double chambers, and the chambers are separated with steam generator. So, the dry function would be perfect.

#### PRE-HEATING PROGRAM:

Pre-heating by jacket (double chamber design) , which can not only to keep the chamber temperature in balance, But also to offer the perfect dry function. And the best sterilization function.

MODEL NO.	CHAMBER SIZE	OVERALL	Volume (L)	Power
SA-450A	450MMØ × 900MM(D)	800(W)×1800(H)×1350(D)MM	141L (approx)	7.0KW
SA-500A	500MMØ × 1000MM(D)	800(W)×800(H)×1250(D)MM	196L (approx)	9.0KW
SA-600A	610MMØ × 1200MM(D)	900(W)×1900(H)×1550(D)MM	393L (approx)	12.0KW

**Safety device:** Water level control & protection, safety valve, electronic circuit safety system , low water indicator, emergency exhaust valve, special automatic pre-heating program.

**Approvals:** Made by iso-9001 and iso-13485 approval qa system

**Functions:** Auto dry—auto function

**Options:** Pressure door auto-lock device  
Low water buzzer  
Liquid sterilization

## STURDY "POLEAX" Sterilizers

SA-232



SA-232X



### POLEAX Range

INTERNAL PROGRAMS design for your convenience selection:

"POLEAX" series is designed with high performance, reliability and safety, and easy operation.

**WIDE RANGE USE :** "POLEAX" series sterilizers are suitable for wrapped / un-wrapped / liquid / utensils ... etc. **Widely used in dental clinics, Hospitals, Clinics, and Laboratories.**  
**EASY MAINTENANCE :** "POLEAX" series sterilizers are made by stainless steel #304, and the heater is made by stainless steel #316L.. So, it is easy to keep clean and maintain.

The new standard sterilization technology have been achieved in terms of testing, certification and technical assistance.

Intelligent design sterilization programs, fully automatic and easy control.

Several programs already for your selection.

Sterilization pressure are adjustable from 0.9 to 2.1 kg/cm<sup>2</sup> ( approx. 115°C -134°C ) Except SA-232. Sterilization time 4 minutes / 15 minutes / 30 minutes for selection.

Automatic control from heating-up - sterilization to time-off.

The entire sterilization process is continuously monitored by a microprocessor control system.

The sterilization time starts counting, when the chamber pressure (temperature) arrives the point you set-up.(SPECIAL FUNCTION)

MODEL NO.	Chamber Size	Overall	Volume	Power
SA-232	230mmø x410mm(D)	335(W) x 430(H) x 600(D)mm	16 Litre (Approx)	1.4KW
SA-232X	230mmø x410mm(D)	501(W) x 406(H) x 537(D)mm	16 Litre (Approx)	1.4KW
SA-232V	230mmø x410mm(D)	382(W) x 614(H) x 398(D)mm	16 Litre (Approx)	1.2KW

Using Pressure and Temperature

UNWRAPPED/WRAPPED/LIQUIDS : 112°C/1.12KG/CM<sup>2</sup>

#### Safety device:

Over Heat (Low water) cut-off switch safety valve and release valve emergency exhaust valve door safety holder pressure control switch

#### Safety Approval:

CE-EMC, LVD Approved CE-MDD Approved Chamber design by ASME/U.S.A Standard

#### Standard Accessories:

Stainless Steel#304 Sterilization Box./1pc. Stainless Steel #304 Heater cover/ 1pc

#### Optional Accessories:

S/S #304 Tray frame x 1 + Tray x 3 + Tray pulling holder x 1 #Stainless Steel #304 Sterilization Spring holder x 2pc

## STURDY "POLEAX" Sterilizers

SA-252F



### FALCON "S-CLASS"

#### PRESSURE DOOR AUTO-LOCK DEVICE:

SA-252F ONLY The door will be locked automatically, when the pressure is over 0.3 Kg/cm<sup>2</sup>

#### WIDE RANGE OF USAGE :

"FALCON" autoclaves provide sterilization temperature from 118oC - 134oC . Which are suitable for wrapped / unwrapped materials, utensils, liquid (optional), and etc. Widely used in hospitals, clinics, and laboratories. HORIZONTAL TYPE SA-300H are special designed for laboratories, clinics and hospitals.

VERTICAL TYPE SA-300VF are special designed for laboratories, clinics and hospitals.

#### PRE-HEATING PROGRAM:

Pre-heating by dry heater, to keep the chamber temperature in balance. To offer the perfect dry function and the best sterilization function.

SA-252H



MODEL NO.	Chamber Size	Overall	Volume	Power
SA-252F	Ø260mm x 450mm(D)	540(W) x 450(H) x 630(D) mm	24Litre (Approx)	2.1KW
SA-300H	Ø 300mm x 570mm(D)	600(W) x 470(H) x 740(D) mm	40Litre (Approx)	2.8KW
SA-300VF	Ø 300mm x 710mm(D)	600(W) x 1000(H) x 450 (D) mm	50Litre (Approx)	2.9KW

#### USING TEMPERATURE/PRESURE

##### SA-252F/SA300H:

UNWRAPPED: 118-134°C/0.9~2.1kg/cm<sup>2</sup>. WRAPPED: 118-134°C/0.9~2.1kg/cm<sup>2</sup>. LIQUIDS: (optional) 118-134°C/0.9~2.1kg/cm<sup>2</sup>.

##### SA300VF

UNWRAPPED: 118-134°C/0.9~2.1kg/cm<sup>2</sup>. WRAPPED: 118-134°C/0.9~2.1kg/cm<sup>2</sup>.

#### SAFETY DEVICE

##### SA-252F/SA300H:

Pressure control switch, Door pressure auto-lock, Over heat protection, Safety Valve, Electronic circuit safety system, Emergency exhaust switch.

##### SA300VF:

Pressure control switch, Door safety holder, Over heat protection, Safety Valve, Electronic circuit safety system, Emergency exhaust switch.

#### STANDARD ACCESSORIES

##### SA-252F/SA300H:

Stainless Steel #304 Sterilization Box X 1pc. Heater cover X 1pc

##### SA300VF:

Stainless Steel #304 Sterilization Basket x2pc. Easy Reach clip x 1pc. 2000cc bottle x 1pc. Exhaust hose X 1pc

## STURDY "microm" Sterilizers



MODEL NO.	Chamber Size	Overall	Volume	Power
SA-230	Ø 230 x 410 mm (D)	594(D) x 522(W) x 410mm (H)	16Litre (Approx)	2.0KW
SA-350	Ø 260mm x 450mm(D)	655(W) x 533(H) x 442(D) mm	24Litre (Approx)	2.8KW

### MICROM "B-CLASS"

Auto dry time can be selected; 0, 15, 30, 35, 40 Minutes  
 Auto-Fill water system  
 Water reservoir capacity; 4200cc  
 Digital temperature display  
 Pressure / Vacuum gauge display  
 Vacuum Pump 100W  
 Wrapped/Unwrapped  
 Dry/Undry, Liquid, PRION program  
 Bowie-dick, Pump test  
 Pressure safety valve & protection switch  
 Over temperature protection  
 Electric overload protection  
 10 Amp No fuse Breaker x 2  
 Door lock indication  
 Water reservoir water level sensor  
 Chamber water level sensor in "ADD-WATER" step  
 Pressure door auto-lock  
 Sterilization temperature: 121°C / 135°C

### Standard accessories:

Sterilization box x 1 pc  
 Heater cover x 1 pc

### Optional accessories

- (1) Sterilization set: Tray x 3, Tray frame x 1 Tray holder x2
- (2) Spring Holder: 2 p/set

CE certified, Class-B automatic autoclave  
 Equipped with Pre & Dry Vacuum Function  
 Microprocessor Temperature Controlled System  
 Chamber Capacity of 16 Litre & 24 Litre at choice  
 Power supply

## BELIMED Washer/disinfectors - A word leader



### WD130 - Single Door, benchtop or under bench

Automatic Cleaning, Disinfecting and Drying Machine WD130

WD130 fulfils all hygienic requirements in hospitals, laboratories and industry: small and powerful for various applications in reprocessing.

Many years of testing under both laboratory and actual operating conditions have optimized the design of the WD130 washing system to achieve outstanding performance. The capacity is up to 8 DIN trays per cycle.



### WD170 - Single Door

As above - free standing



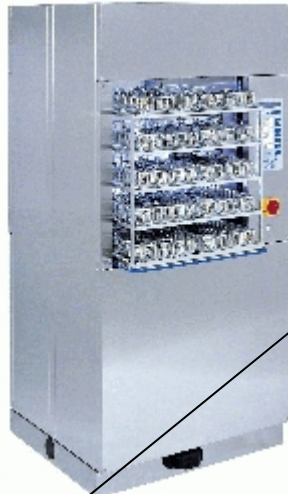
### WD230 - Pass through

Automatic Cleaning, Disinfecting and Drying Machine WD230

High capacity at small space requirements for flexible solutions in the CSSD and the sub sterilization of the operation theatre area in hospitals, clinics and laboratories.

Double door concept respects the need for segregated clean / unclean areas.

The manual operated hinged doors of the WD230 are made of stainless steel with or without windows made of safety compound glass. Different wash good carriers covers any and all current requirements of reprocessing of medical devices. The capacity is up to 10 DIN trays each load.



### WD250 - Pass Through

As above with electric vertical doors

### WD290

Single chamber washer-disinfector WD 290 in compliance with EN ISO 15883

WD 290 is the right choice for the efficient reprocessing of large volumes of medical devices. Thanks to high machine capacity and flexible automation options, the efficient single-chamber system is particularly suitable for application in the CSSD.

The automatic vertical sliding doors of the WD 290 are made of safety compound green glass. With a width of only 90 cm, WD 290 is the most compact 15-tray washer-disinfector in its class. An extensive range of racks offers the right solution for all current requirements of reprocessing of medical devices.



### WD425

Automatic washing, disinfecting and drying machine for flexible endoscopes WD425E

The WD425E with the control unit ECU2000 meets all hygienic requirements in reprocessing of flexible endoscopes. Easy handling thanks to patented pressure box system and suitable for all type of endoscopes.



Precision engineering combined with years of testing both in the laboratory and under actual operating conditions led the WD425E washing system to top performance levels. The WD425E is the follow-up model of the successful WD425.

2 endoscopes - even of different brands - can be reprocessed during each cycle: Hygienic unobjectionable and complete clean.

Medspares has access to factory trained technicians to install your hospitals investment. All Belimed equipment conforms to the strict European standards.

## BELIMED Sterilizers - A word leader



### Plasmaster

NEW: Low temperature sterilizer PLASMASTER  
40 / 80 / 140L Models

The new H2O2 low temperature sterilizers PLASMASTER 40, 80 and 140 enhance your opportunities in terms of a safe sterilization of your thermolabile materials and instruments. They ensure a highly effective, safe and environmentally friendly sterilization. The sterilized material is available for use immediately after sterilization. Outgassing time is not necessary because toxic substances are not used. The H2O2 used is converted to natural water vapor and oxygen.



### MST-V - Vertical Door (single or double door) steam sterilizer 300-870L capacities

The new MST-V Hospital steriliser with vertical sliding doors provides the best prerequisites for professional sterilization of medical devices in the Sterile Supply Department (CSSD). Due to the utilisation volume of between 4 and 12 sterile units (SU) and a width of only 99 cm, the MST-V is the most efficient and most compact steriliser in its class. It complies with all relevant guidelines and standards.



### MST-H - Horizontal Door (single or double door) steam sterilizer 70-1570L capacities

MST-H Hospital Sterilisers with horizontal sliding doors movement are available with a chamber volume of 50 to 1700 litres.

Flexible solutions for CSSD and for substerilisation in the operating-theatre area in hospitals and clinics. MST-H fulfill the country-specific Pressure Vessels Ordinances 97/23/EG and Standards DIN 58 946 and EN 285.

### VAPOFIX steam sterilizer (single or double door)

73-113L capacities

The new VAPOFIX steam sterilizer with vertically running sliding door for 1 to 1.5 sterile units (StE) guarantees safe and efficient sterilization - even in very confined spaces. Regardless of whether it is installed as a panel-mounted unit or as a stand-alone unit, the VAPOFIX sterilizer offers the ideal solution where space is at a premium. It is eminently suitable for use in the CSSD, sub-sterilization in the operating theater, in hospitals and in doctor's surgeries. It can be validated in accordance with EN 554 and 17665-1, complies with the European Pressure Appliance Directive 97/23/EC and Standards EN 285, besides excelling the requirements of EN 13060.

All steam sterilizers come with or without steam generators. (Steam quality must be high grade/pressure from hospital steam) Treated water highly recommended.



Medspares has access to factory trained technicians to install your hospitals investment. All Belimed equipment conforms to the strict European standards.