Class B Benchtop Autoclave

## Class B Benchtop Autoclave

Automatic Door




### Advantage

● Built-in vacuum pump, with three adjustable pulsating vacuum cycles, achieving a vacuum degree up to -0.090MPa.

● Vacuum drying system, with fabric drying rate less than 1% and instrument drying rate less than 0.1%.

● Multi Safety Features

Overheat protection:Automatically cutting off.Audible and visual alarm will be there.

Interlock Safety:To prevent a cycle from starting if the door is not locked or stop dooropening when the chamber is pressurized.

Anti-burning protection:Auto shut-off with audible and visual alerts for low water levels in autoclave.

Steam pressure safety valve:Automatically starts when the chamber pressure exceeds the limit.

● Automatic operation, touch screen interface, built-in vacuum pump, steam generator, post-vacuum drying, positive pulsing, air filter, standard printer for real-time record keeping.

● Automatic door switch for convenient and safe operation.

### Specification

| Model | ST-B45B |
|---|---|
| Capacity | 45 L |
| External Size (W×D×H) | 870×600×520 mm |
| Chamber Size (Ø×H) | 316×590 mm |
| Chamber Material | SUS304 |
| Sterilization Temperature | 105~136 °C |
| Designed Temperature | 150 °C |
| Max.Working Temperature | 136 °C |
| Temp.Accuracy | 0.1 °C |
| Temp. Uniformity | ≤±0.5 °C |
| Designed Pressure | 0.3 MPa |
| Sterilization Time Range | 0.23 MPa |
| Pressure Resoluiton | 0.1 kPa |
| Ultimate Vacuum | -0.096 MPa |
| Temp. Controller | PID control by microprocessor |
| Display | LCD touch screen |
| Drying Function | YES |
| Drying Time | 15 min |
| Sterilization Program | 1.Medical instrument program 2.Luminal instruments 3.Dressings program 4.Rubber program 5.Liquid program 6.BD Test program 7.Vacuum Test program 8. 4 pcs DIY program |
| Water Supply | Built-in water tank |
| Consumption | 3.6 kW |
| Power Supply | AC 220/110 V, 50/60 Hz |
| Standard Sterilization Shelf | 1pcs SS shelf |
| Standard Accessory | Printer |
| Net Weight | 65 kg |
| Gross Weight | 120 kg |
| Shipping Size (W×D×H) | 1150×700×700 mm |



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### Advantage

● Complies with European CLASS B standard for effective sterilization.

● Automatic door switch for convenient and safe operation.

● Microcomputer control with LED display ensures precise and reliable sterilization.

● Equipped with BD test, HELIX test, and Vacuum test for comprehensive sterilization performance.

● Standard test interface for convenient testing and validation.

● Automatic protection function includes over temperature, over pressure, low water level, anti dry burning, and safety door lock.

● Safety interlocking device for secure operation.

● Three times pre-vacuum enhances sterilization efficiency.

● Buzzer reminder and automatic stop after sterilization cycle completion.

● Automatic discharge of cold air and steam exhaust for efficient and safe operation.

● Built-in steam generator provides quick production of saturated steam.

● Standard USB Port and Printer for record-keeping and documentation.

### Specification

| Model | ST-BA18B | ST-BA24B | ST-BA45B |
|---|---|---|---|
| Capacity | 18 L | 24 L | 45 L |
| Consumption | 2.2 kW | 2.2 kW | 3.5 kW |
| Power Supply | AC 220/110 V, 50/60 Hz | | |
| Design Pressure | 0.25 MPa | | |
| Design Temperature | 139 °C | | |
| Rated Working Pressure | 0.22 MPa | | |
| Rated Working Temperature | 134 °C | | |
| Water Supply | Built-in water tank | | |
| Chamber Size | Ø250×360 mm | Ø250×450 mm | Ø320×615 mm |
| External Size (W×D×H) | 710×505×450 mm | 710×505×450 mm | 850×660×570 mm |
| Shipping Size (W×D×H) | 790×590×520 mm | 790×590×520 mm | 980×770×720 mm |
| N.W./G.W. | 65/53 kg | 70/58 kg | 127/102 kg |