STANDARD MODEL SJ-AC45 / 60 / 80 / 100   AUTOCLAVES

Fully Automated Vertical Steam Sterilizer

Automated Cycle Sterilization

- Filling Water → Heating → Sterilization → Exhaust.
- Timer activates automatically when temperature reaches to 121℃.
- Sterilization operates for the given time period.

Semi-Permanent Use

- Made with stainless steel for internal chamber, door, and door jig for long lasting use.
- Options to choose various colors for the external chamber, which is made of SS41 steel plate.

Safety is Assured

- Preventive system to control the excessive temperature (1st and 2nd steps) or overpressure. (1st, 2nd and 3rd steps)
- Greater safety & efficacy of operation using PID Controller to set the temperature, timer, reservation and auto-tuning.

❶
Door
Silicon packing lid is installed to prevent the leakage of steam

❷
PID Controller
Sets temperature, timer, reservation & auto-tuning

❸
Pressure Gauge
Checks the pressure condition

❹
Manual Steam Valve Knob
Manually exhaust steam by turning the knob

❺
Main Switch
Power On/Off switch prevents short circuit

❻
Steam Exhaust
When sterilization is finished, open the steam valve to exhaust steam

Chamber

Stainless heater cover (1pc)

Stainless wire basket (2pcs)

Integral Silicon Packing
Seamless packing prevents leakage

hybrid recorder (Option)

Accessories

Baskets and Containers

Vertical stainless steel wire baskets and containers in different sizes for all autoclave models

| 45 Liter : Ø280 x 255(h) | 81 Liter : Ø370 x 255(h) |
| 62 Liter : Ø320 x 255(h) | 103 Liter : Ø425 x 255(h) |

Gasket

Heater Cover

Heater

※ All sizes can be custom made

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※ Nipple is made of stainless steel and does not rust.

2KW / 3KW

| 45 Liter : Ø300 | 81 Liter : Ø400 |
| 62 Liter : Ø350 | 103 Liter : Ø450 |

45 Liter : Ø280 x 45(h)
62 Liter : Ø330 x 45(h)
81 Liter : Ø380 x 45(h)
103 Liter : Ø430 x 45(h)

Specifications

Spec \ Model	SJ-AC45	SJ-AC60	SJ-AC80	SJ-AC100
Type	Fully Automatic type			
Chamber Type	Round Vertical type			
Capacity	45 liter	62 liter	81 liter	103 liter
In size (ØxH)m/m	300 x 650	350 x 650	400 x 650	450 x 650
Dimension (WxDxH)m/m	680x480x1070 (About)	680x480x1070 (About)	790x590x1170 (About)	790x590x1170 (About)
Heater Capacity	2kw	3kw	4kw	4kw
Temp. Range	Ambient to 130℃			
Temp. Controller	LED Microprocessor programmable control			
Time range	99 Hours 59 min Digital Display			
Temp. Sensor	Pt-100Ω (Exclusively for sterilizing, Auto tuning			
Accuracy	±0.5℃			
Material(in) (out)	Stainless steel SS41 steel plate and powder coating			
Door system(out)	one touch handle type (single screw door)			
Basket	Stainless steel (#304) manufactured for sterilizing 2ea			
Pressure range	0~3kg/㎠ (Analog)			
Using pressure	0~1.2kg/㎠			
Wheel	Silicon carrior w/ fixed screw frame			
Electronic Power	AC 220v, 60Hz Single-phase			
Safety device	Safely pressure valve, over temp. controller N.F.B. Buzzer,switch,-etc-			