



고압증기멸균기

AUTOCLAVE



How It Works

Only a solidly and sturdily designed chamber and lid can keep the high pressure safely. When the temperature goes up and the chamber limits its space, only the pressure will go stronger. This process makes higher than 110 °C of steam in the chamber.

The Purpose of Use

Not all living organisms badly suffer from 110 °C of heat. Some living organisms are able to resist heat due to their structural protein walls. However, any micro-organism cannot survive from over 121 °C of steam. Therefore, the design purpose of Autoclave is to ensure a sterile environment in each field of life and science.

The Field of Use

Bio and life science laboratory, medical institution, food production industry, veterinary industry, and etc.

Autoclave



SJ-AC
45/60/80/100



SJ- AC series is a very standard type of steam sterilizer. For those only looking for a sterilization result with a safe operating environment, it can be the right choice.

Intuitive Sterilizer

Digital Display / Pressure Gauge / Screw Lock Method / LED Indicator

Automatic Process

Heating > Exhaust Residual Air > Sterilization > Steam Vent > Complete (Manual Water supply)

P.I.D Control & Auto-Tuning

Precise temperature control by P.I.D and smart work efficiency with auto-tuning function

Safety Device

1. Over-temp Prevention
2. Over-pressure Prevention
3. Manual Steam Valve
4. Steam Cooling Discharge Method
5. Circuit Breaker



Door



Controller



Manual
Steam Valve



Breaker



Steam Outlet



Water Drain Valve



Basket &
Heater Cover



Recorder
(Options)

SJ-AC series Specifications



For product improvement, the specification below is subject to change without prior notice. Please, contact us for the specification consultant.

Spec / Model		SJ-AC45	SJ-AC60	SJ-AC80	SJ-AC100
Type		Fully Automatic Type			
Chamber Type		Round Vertical Type			
Capacity		45ℓ	62ℓ	81ℓ	103ℓ
In Size (ØxH)m/m		300x650	350x650	400x650	450x650
Dimension (WxDxH)m/m		675x475x1,100 (About)	675x475x1,100 (About)	785x585x1,190 (About)	785x585x1,190 (About)
Heater Capacity		2kw	3kw	4kw	4kw
Temp.	Range	Ambient to 130°C			
	Controller	LED Microprocessor Programmable Control			
	Sensor	Pt-100Ω (Exclusively for Sterilizing, Auto Tuning)			
Time Range		99Hours 59min Digital Display			
Accuracy		±0.5°C			
Material	IN	Stainless Steel 304			
	OUT	SS41 Steel Plate and Powder Coating			
Door System		One Handle Type (Single Screw Door)			
Basket		Stainless Steel (#304) Manufactured for Sterilizing / 2ea			
Pressure Range		0~3kg/cm ²			
Using Pressure		0~1.2kg/cm ²			
Wheel		Swivel Caster with Brake			
Electronic Power		AC 220V, 50-60Hz Single-Phase			
Safety Device		Over Temp. Protection / Over Pressure Protection / Manual Steam Valve / Steam Cooling Discharge Method / Circuit Breaker / Buzzer Alarm / etc.			