

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 (Class B)



SJ-TB
30/40/50/60



In laboratories and medical fields, many items require the proper sterilization in between each usage SJ-TB series is designed for easy and clean maintenance in a very delicate and careful environment.

Fully Automatic Process

Water Supply > Pre-Vacuum > Heating > Sterilization
> Steam Vent > Vacuum Dry > Complete

Wider Use of Chamber

Non-heater chamber brings a wider space for the sterilization object load

Sanitary Management

Water Management : Separated reservoir and retriever tanks
Chamber Management : Non-possibility of heater-caused contamination

Safety Device

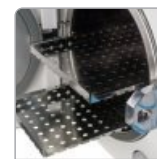
1. Door Lock Sensor
2. Over-temp Prevention
3. Pressure Sensor
4. Over-Pressure Prevention
5. Circuit Breaker (Bimetal)
6. Door Interlock (Temp & Pressure)
7. Water Level Sensor
8. etc.



Handle



Controller



Shelves



Hepa Filter



Breaker



Water In & Outlet



Reservoir Tank



Printer (Options)

SJ-TB series Specifications



For product improvement, the specifications below are subject to change without prior notice, and please contact us for specification consultation.

Spec / Model		SJ-TB30	SJ-TB40	SJ-TB50	SJ-TB60
Overall Size (WxHxD)mm		600x515x660	600x515x760	650x515x760	650x515x860
Chamber Size (ØxD)mm		320x400	320x500	360x500	360x600
Chamber	Material	Stainless Steel 304			
	Type	Circular			
	Capacity	30Liter	40Liter	50Liter	60Liter
Sterilization	Temp.	121°C / 135°C			
	Pressure	110kPa / 215kPa			
Electronic Power		AC 220V, 50/60Hz			
Power Consumption		3050w	3150w	3150w	3500w
Noise Level		Less than 75dB			
Weight		58kg	63kg	75kg	80kg
Safety Device		Door Lock Check / Over Temp. Protection / Over Pressure Protection / Chamber Pressure Auto Sensing / Door Interlock / Circuit Breaker (Bimetal) / Water Level Sensor / etc.			

Accessories

Standard	Power Cord	1EA
	Tray	2EA
	Water Reservoir Tank and Hose	1SET
	Water Retrieve Tank and Hose	1SET
Optional	Cart	1SET
	Printer	1SET / 2 Paper Rolls