

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(L)

### 150/200/300

Custom Available



To Provide more load space for various sizes of sterilizing objects, SJ-AC(L) series can be a lot bigger and safe.

#### Stronger Lock System

Bigger power require bigger responsibility, Screw + bolt chain lock system

#### Flexible Chamber Space

Design your own chamber for your needs

#### Reasonable Budget

SJ in-house manufacturing facility can offer what no one would offer

### Safety Device

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



Door



Gasket



Controller



Manual Steam Valve



Power Switch



Steam Outlet



Basket



Recorder (Options)

# SJ-AC(L) 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-AC150	SJ-AC200	SJ-AC300
Type		Fully Automatic Type		
Chamber Type		Round Vertical Type		
Capacity		151ℓ	200ℓ	307ℓ
In Size (ØxH)m/m		500x770	600x710	700x800
Dimension (WxDxH)m/m		955x695x1,540 (About)	1,050x800x1,540 (About)	1,150x1,000x1,600 (About)
Heater Capacity		6kw	7.5kw	9kw
Temp.	Range	Ambient to 130℃		
	Controller	LED Microprocessor Programmable Control		
	Sensor	Pt-100Ω (Exclusively for Sterilizing, Auto Tuning)		
Time Range		99Hours 59min Digital Display		
Accuracy		±0.5℃		
Material	IN	Stainless Steel 304		
	OUT	SS41 Steel Plate and Powder Coating		
Door System		One Handel Single Screw and Volt Chain Method		
Basket		Stainless Steel (#304) Manufactured for Sterilizing / 2ea		
Pressure Range		0~3kg/cm <sup>2</sup>		
Using Pressure		0~1.2kg/cm <sup>2</sup>		
Wheel		Swivel Caster with Brake		
Electronic Power		AC 380V, 50-60Hz Three-Phase		
Safety Device		Over Temp. Protection / Over Pressure Protection / Manual Steam Valve / Steam Cooling Discharge Method / Circuit Breaker / Buzzer Alarm / Water Level Sensor (Option) / etc.		