

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 (Medium & Large)



## SJ-ML

### 70/100/120/200



SJ-ML series is suitable for a large volume of sterilization. 5 sterilizing cycles, 2 performance tests, and the user mode are provided to meet the different needs of sterilization. The Double jacket structure is applied for safe and efficient operation.

#### Smart Control System

12 self-diagnosis warning codes, LED and LCD indicators

#### Fully Automatic Process

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

#### Vacuum System

The enhanced sterilization and drying performance by water pump and water ejector

### Safety Device

1. Over Temp. Prevention 2. Circuit Breaker 3. Safety Pressure Valve 4. Self-diagnosis Warning System 5. etc



Controller



Pressure Gauge



Chamber  
(70/100/120)



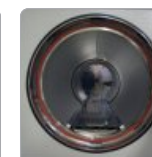
Handle  
(70/100/120)



Door Gasket  
(70/100/120)



Door (200)



Chamber (200)



Shelf (200)

# SJ-ML 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-ML70	SJ-ML100	SJ-ML120	SJ-ML200
Overall Size (WxHxL)mm		600x1,400x740	600x1,400x970	600x1,400x1,120	750x1,718x1,368
Chamber	Size (ØxL)mm	450x520	415x750	415x900	505x1,025
	Type	Circular			
	Material	Stainless Steel 304			Stainless Steel 316
	Capacity	70Liter	100Liter	120Liter	200Liter
Air Remover		Vacuum / Gravity			
Sterilization	Temp. Range	121℃ ~ 132℃			
	Course	7 Kind			
Steam Generator		Built-in / 6kw	Built-in / 9kw		Built-in / 12kw
Control System		Microprocessor			8 Bit Microprocessor
Water Source		1.0kgf/cm2 ~ 3.0kgf/cm2, 15A			
Vacuum System		Water Pump / Water Ejector			
Power Source		AC 380V / AC 220V, 60Hz	AC 380V, 60Hz (3-Phase, 4-Wire)		
Tray	Size (WxHxL)mm	382x20x476	382x20x706	382x20x846	494x20x1,004
	Material	Stainless Steel 304			
Drain Pipe		30A			
Weight		190kg	220kg	250kg	390kg
Safety Device		Over Temp. Protection / Over Pressure Protection / Circuit Breaker / Safety Valve / Self Diagnostic System			
Option		Printer : Paper = (W)58 x Ø40(L) 13M			