

SHINJIN ENGINEERING

has state-of-the-art
technology and the
highest quality standards



SHINJIN Engineering is the leading autoclave manufacturer in the Korean domestic market. We have been growing fast, and are a trustworthy partner for our customers. We are recognized as one of the highest quality suppliers for hospital & lab equipment and materials.

With the state-of-the-art technology & quality

Shinjin Engineering

Since our establishment in 1985, Shinjin Engineering has been growing steadily due to our state of the art technology and highly skilled technicians, and our popular autoclave sterilizer products. Also Shinjin Engineering is doing one's best for developing new product & high quality product with a cutting-edge technology & know-how.

Our customers love our state of the art products, which are manufactured to high standards like ISO 9001 and ISO 13485. We have patents pending for many of our autoclave parts, designs, and usability features. Shinjin Engineering is also equipped with sheet metal machine and NCT machine, so we can easily make customizations for our customers if necessary.

Shinjin Engineering is doing one's best.

SHINJIN Engineering is innovators in performance and reliability.

**BEST QUALITY!
BEST TECHNOLOGY!**



Shinjin Engineering

ORGANIZATION / BUSINESS AREAS

Over 30 Years Of Experience
Designing And Manufacturing
Autoclave Products



Production Line



CERTIFICATION & PATENTS

| Company Certification | Excellent Firm, Small and MidiumSized Promising Export Firms



| Product Certification | Certificate Of a Patent, Certificate Of a Design Registration



Fully Automated Vertical Steam Sterilizer

In case the chamber water supply is low, the water level sensor on our SJ-FW series will automatically begin pumping water from a reserve source. These user friendly features prevent overheating and other damage to the unit.

SJ-FW

45 / 60 / 80 / 100
AUTOCLAVES

- 1 **Pressure Gauge**
Checks the pressure condition
- 2 **PID Controller**
Sets temperature, timer, reservation & auto-tuning
- 3 **Main Switch**
Power On/Off switch prevents short circuit
- 4 **Manual Steam Valve Knob**
Manually exhaust steam by turning the knob
- 5 **Door**
Silicon packing lid is installed to prevent the leakage of steam
- 6 **Water Inlet**
When water is put in the water tank, it replenishes water automatically
- 7 **Steam Exhaust**
When sterilization is finished, open the steam valve to exhaust steam
- 8 **Water Drain Valve**
Drain control device



Chamber



Convenience



Accessories



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

*All sizes can be custom made

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

Liter 45 Φ 280 x 255(h) 62 Φ 320 x 255(h)
81 Φ 370 x 255(h) 103 Φ 425 x 255(h)

Liter 45 Φ 300 45 Φ 280 x 45(h)
81 Φ 400 62 Φ 330 x 45(h)
62 Φ 350 81 Φ 380 x 45(h)
103 Φ 450 103 Φ 430 x 45(h)

2KW / 3KW

Specifications

Spec	Model	SJ-FW45	SJ-FW60	SJ-FW80	SJ-FW100
Type		Fully Automatic type			
Chamber Type		Round Vertical type			
Capacity		45 Liter	62 Liter	81 Liter	103 Liter
In size (Φ xH)m/m		300 x 650	350 x 650	400 x 650	450 x 650
Dimension (WxDxH)m/m		600 x 550 x 1,070 (About)	600 x 550 x 1,070 (About)	670 x 620 x 1,110 (About)	670 x 620 x 1,110 (About)
Heater Capacity		2kw	3kw	4kw	4kw
Temp.	Range	Ambient to 130°C			
	Controller	LED Microprocessor programmable control			
	Sensor	Pt-100 Ω (Exclusively for sterilizing, Auto tuning)			
Time Range		99 Hours 59 min Digital Display			
Accuracy		$\pm 0.5^\circ\text{C}$			
Material	in	Stainless steel			
	out	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/ cm^2 (Analog)			
Using Pressure		0~1.2kg/ cm^2			
Wheel		Silicon carrier w/ fixed screw frame			
Electronic Power		AC 220v, 50-60Hz Single-phase			
Safety Device		Safely pressure valve, over temp, controller N.F.B. Buzzer, switch, -etc-			

Fully Automated Vertical Steam Sterilizer

5 Programmable Preset Slots

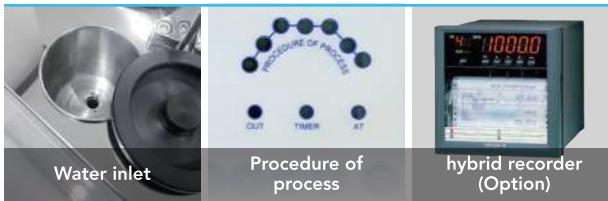
The user can program up to 5 programmable preset cleaning cycles consisting of a time and temperature. As different tools and applications have different sterilization needs, our product lets you configure up to 5 presets for easy use.



Chamber



Convenience



Accessories



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

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Product Type



LEVER

- SJ-AD (lever type) sterilizer is convenient to use and offers easy loading and unloading with its moving lever mechanism.

Specifications

	<i>SJ-AD60</i>	<i>SJ-AD80</i>	<i>SJ-AD100</i>
Chamber Capacity	62Liter	81Liter	106Liter
Chamber Size (Φ x H)mm	350Φ x 650	400Φ x 650	400Φ x 850
Dimension(WxDxH)mm	700 x 750 x 825	700 x 800 x 825	700 x 800 x 1025
Heater Capacity	3Kw	4Kw	4Kw
Temp Range	121℃ ~ 135℃		
Controller	LCD Microprocessor Programble control		
Chamber Material	Stainless steel (SUS 304)		
Max Pressure	0.263MPA		
Electronic Power	AC 220V, 50-60Hz Single-phase		
Safety Device	Water level sensor / Safety Door interlock/ Over-pressure prevention/ Over-heat prevention/ Open temp. sensor detection/ Safety valve		

Small Scale Sterilizer

Automatic Temperature Control System
Electronic Micro-Processor Control of Tunkey System
Safety Device
Self-Test Sysetem
Multi-Dispaly Monitor
Easy maintenace without disassemble
Dry System



Program Type

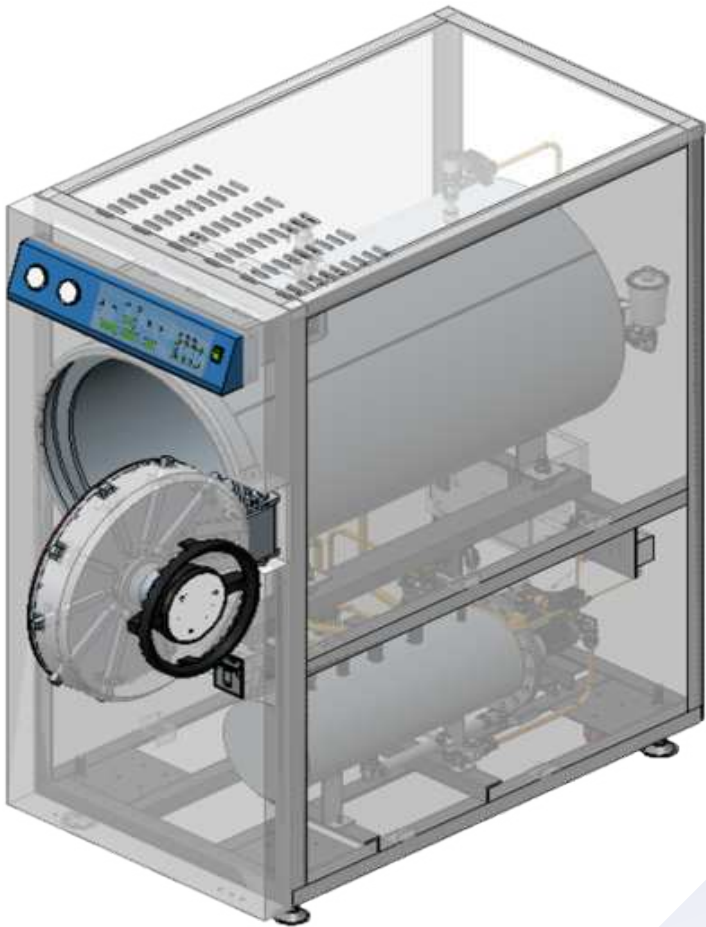
Program	Sterilization Temp	Sterilization Time	Dry Time
Solid	132℃	10 Min	20 Min
Liquid	132℃	30 Min	0 Min
Turbo	121℃	5 Min	10 Min
User	110℃ ~ 135℃	0 ~ 60 Min	0 ~ 60 Min

Specifications

MODEL		MDBS 0020	MDBS 0040	MDBS 0060
Overall Size		512(W) X 395(H) X 612(L)mm	585(W) X 478(H) X 645(L)mm	618(W) X 495(H) X 840(L)mm
chamber	Size	Ø 250 X 451(L)mm	310(W) X 310(H) X 450(L)mm	Ø 350 X 650(L)mm
	Type	Circular	Square	Cicular
	Material	Stainless Steel		
	Capacity	22 ℓ	43 ℓ	63 ℓ
Heater	Power	AC220V, 1.5 kW	AC220V, 2.2 kW	AC220V, 2.7 kW
	Material	Alloy(Special alloy)		
	Control Method	Time Proportion Control System		
Tray	Size	214(W) X 30(H) X 387(D)mm 3EA	278(W) X 50(H) X 420(D)mm 2EA	300(W) X 36(H) X 640(D)mm 1EA
	Material	Stainless Steel 304		
Sterilization	Temperature Range	110℃ ~ 135℃		
	Course	Surgical instrument, Rubber(liquid), Turbo, User mode and four kinds		
Dry System		Included inside of dryer(pneumatic Nozzle method)		
Reservoir Capacity		4 ℓ		
Self-Control		Built in Auto Test Mode		
Control System		Microprocessor		
Safety Device		Safety Valve, Thermostat		
Door System		Spring Hook method		
Operation Method		Auto/Manual		
Power Consumption		AC220V- 50/60Hz, 1.5Kw	AC220V- 50/60Hz, 2.2Kw	AC220V- 50/60Hz, 2.7Kw
Weight		55kg	76kg	95kg
Accessories (option)		Recorder		

Medium Scale Sterilizer

The series SJ-MD is autoclaves with the designation and production by A.S.M.E Regulation.
Checking the whole conditions prio to oprating with self-diagnostic function
Happening malfunction, operation stopping, beeping and displaying the “ER” and “Error Number”
Easy operation with the implementation of full Automatic system by microprocessor
Safety device - Safety Valve, Thermostat
AUTO-WATER supply system



Program Type

Program	Sterilization			Dry Time
	Temp	Time	Pressure	
PACKAGE	132℃	20 Min	180 ~ 190 Kpa	30 Min
INSTRUMENT	132℃	15 Min	180 ~ 190 Kpa	20 Min
GLOVE	121℃	20 Min	100 ~ 110 Kpa	20 Min
USER	110℃ ~ 135℃	0 ~ 60 Min	40 ~ 220 Kpa	0 ~ 60 Min

Specifications

MODEL		MDIE 0100	MDIE 0150	MDIE 0200
Overall Size		635(W) X 1438(H) X 1220(L)mm	720(W) X 1575(H) X 1216(L)mm	720(W) X 1575(H) X 1460(L)mm
chamber	Size	Ø415 X 760(L)mm	Ø505 X 770(L)mm	Ø505 X 1010(L)mm
	Type	Circular		
	Material	Stainless Steel		
	Capacity	102 ℓ	154 ℓ	202 ℓ
Heater	Power	AC380V, 9 kW	AC380V, 11 kW	AC380V, 11 kW
	Material	Alloy(Special alloy)		
	Control Method	Time Proportion Control System		
Tray	Size	240(W) X 715(L) mm 1EA	251(W) X 710(L) mm 1EA	251(W) X 950(L) mm 1EA
	Material	Stainless Steel 304		
Sterilization	Temperature Range	110℃ ~ 135℃		
	Course	Surgical instrument, Rubber(liquid), non woven sheet for medical devices, User mode and four kinds		
Dry System		Steam Ejector System		
Reservoir Capacity		15 ℓ		
Self-Control		Built in Auto Test Mode		
Control System		Microprocessor		
Water Supply		15A, Water Pressure 1~3kgf/cm ²		
Door System		Radial Type		
Operation Method		Pre-vacuum System		
Power Consumption		AC220V-AC380V 50/60Hz, 9Kw	AC220V-AC380V 50/60Hz, 11Kw	AC220V-AC380V 50/60Hz, 11Kw
Weight		350kg	400kg	450kg
Accessories (option)		Water vacuum pump		
Accessories (option)		Recorder		

