



FLOOR STAND HORIZONTAL STEAM STERILIZER



ES-6205SP

ES-6305SP

200 / 300 lt
FRONT LOADING
AUTO DOOR



I Features

- ▣ **Sterilization temperature 110°C to 135°C EN-13060-2 class B sterilization cycle**
Pre vacuum - water filling - heating - sterilizing - ventilation - post vacuum drying - end cycle
- ▣ **Pre vacuum air removal and Post vacuum Drying system**
Pre-vacuum for effective air removal that results in increasing sterilization performance. Post-vacuum for drying with remaining steam removal.
- ▣ **Full automatic operation system with Microprocessor PID program controller**
Easy operation with full automatic process cycle operated by microprocessor controller from pre-programmed process cycle.
- ▣ **Self - diagnostic and Safety system**
In case of any malfunction, it alarms and displays error codes for easy maintenance, being stop working with automatic ventilation process for safety purpose.
- ▣ **Air filtration cooling system**
For the process of drying cycle, 0.2mm HEPA filtered clean air flows into the chamber in order to protect air contamination and to cool down below 60°C
- ▣ **Built-in steam generator and water reservoir**
Water re-circulation system reduces the total sterilizing water consumption and pre heated double jacket chamber stand-by for quick operation
- ▣ **Automatic door locking system**
Door can be easily sliding up and down to open or close by counter balanced weighing mechanism
Simply press start key to operate, door will be automatically locked and unlocked by mechanical can lock system
During operation cycle, door can not be opened
- ▣ **Safety Mechanism**

 - Over pressure release valve
 - Over temperature protector with Thermostat
 - Higher temp set protector by Digital high alarm limit
 - Visual and Audible alarm system
 - Automatic dual door locking system

MODEL	Temperature (°C)	Pressure (kgf / cm ²)	Sterilizing Time (min)	Drying Time (min)
Unwrapped 1	121	1.1	20	15 - 20
Unwrapped 2	134	2.1	5	5 - 20
Wrapped 1	121	1.1	30	20 - 25
Wrapped 2	134	2.1	15	20 - 25
Liquid	121	1.1	20	0
Bowie Dick	134	2.1	4	5 - 10
User Program	110-135	0.4 - 2.3	4 - 30	0 - 60

Class B Sterilization cycle

• 134°C cycle



• 121°C cycle



Double Jacketed square chamber structure made of high quality stainless steel built-in a separate steam generator

Microprocessor Control System



LCD Monitor Display

- Status : Present time and process time
- Mode : Set mode
- Pressure : Present and process pressure
- Temp : Present and process temperature
- Dry : Present and process dry time
- Water Level : Present water level
- Door : Open, close
- Error Message

Door Gasket



Specialized sealing technology with Heavy-duty hollow gasket by vacuum aspiration and pressure expansion for perfected sterilization



I Specification

ES-6205SP

MODEL		ES-6205SP	ES-6305SP
Dimensions (W x D x H mm)	Outer	700 x 1140 x 1745	800 x 1240 x 1845
	Square Part	400 x 110 x 400	500 x 110 x 500
	Round Part	ID Φ500 x D 970 mm	ID Φ600 x D 1020 mm
Steam Generator	Built-in	30ℓ Boiler / 12kW Heater	45ℓ Boiler / 18kW Heater
Stainless Steel Tray		300 x 960 / 250 x 960 mm	480 x 980 / 340 x 980 mm
Chamber	Capacity	200ℓ	300ℓ
	Type	Double Jacketed Square / Round chamber	
	Material	Stainless Steel 304 (STS 316L Option)	
Sterilization	Temp. Range	110°C - 135°C (max)	
	Pressure Range	0.4 - 2.3 Kg/cm ²	
	Course	Liquid / Unwrapped 1 & 2 / wrapped 1 & 2 / B/D test / User program	
Vacuum		Pre-vacuum with water ejector vacuum pump system	
Controller		6 Programmed with 1 User Program in Digital PID Controller	
Display		LCD monitor for Temperature, Pressure, Timer, Program cycle,	
Door		Manual / Auto vertical sliding door, Automatic Door Locking System	
Printer		Built - in Thermal Printer	
Electric Supply		380V 50/60Hz 3PH, 4 Line	

Model	ES-6206SP	ES-6306SP
Steam Supply	External steam supplied models without steam generator	

★ Specifications can be changed without prior notice for quality improvement

BENCH TOP HORIZONTAL STEAM STERILIZER

ES-10xxSV



I Specification

Model		ES- 1011SV	ES- 1021SV	ES-1031SV
Dimensions (WxDxHmm)	Outer	410 x 560 x 345	490 x 655 x 460	510 x 755 x 545
	Inner	200 x 300 x 200	270 x 405 x 230	300 x 455 x 300
Capacity		12ℓ	25ℓ	40ℓ
Heater		2kW	2.5kW	3kW
Tray		180 x 260 mm	250 x 360 mm	290 x 400 mm
Chamber Type		Wire tray (Standard) / Perforated tray (Option)		
Material		Reinforced and electro polished square chamber		
Door lock mechanism		Stainless steel 304 standard (STS 316L Option)		
Vacuum Pump		Automatic wheel inter locking with one touch sliding handle		
Controller		Built-in diaphragm vacuum pump 25 LPM capacity		
Sterilization	Temp. Range	Microprocessor PID program controller with LCD monitor		
	Pressure Range	110°C - 135°C		
	Course	0.4 - 2.3 kgf/cm ²		
Reservoir		Unwrapped 1&2 / Wrapped 1&2 / Liquid / Bowie-Dick / User program mode		
Safety		6ℓ stainless steel tank with top water filling inlet and silicone closer		
Electric Supply		Over pressure release valve, Over temperature protector		
		Visual and Audible alarm system, Automatic dual door locking system		
		110V 60Hz or 220V 50/60Hz, 1Phase		



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