

Autoclaves

SP200/300/500/510(F)

Model		
200(F)	300/500(F)	
Operating Temperature Range (Sterilization)		
105deg.C to 123 deg.C	105deg.C to 128deg.C	
Max. Operational Pressure		
0.18 MPa	0.2 MPa	
Internal Capacity		
20 L	32 L	47 L

The models SP-F are equipped with a cooling function.

The models SP are economy type.

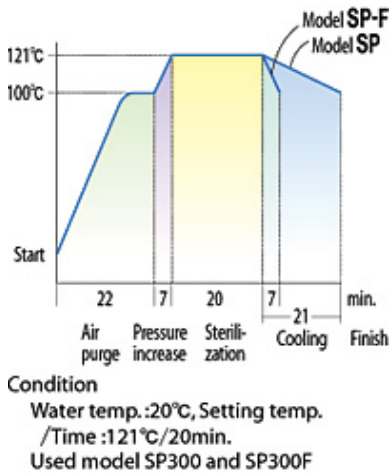
The models SP-F make it possible to reduce the operating time to the end of sterilization up to 1/3, compared to conventional models, due to the forced cooling function. The models SP are economy-type, which permit safe and certain sterilization with an interactive key input system.

- With an interactive key input system, the conditions are memorized.
With a single key press, everything is done automatically from air exhausting to sterilization and dry.
- Setting for hours and continuous operation are available.
- Possible to sterilize media also.
- Safety measures are enriched, including self-diagnosis function.

Control Panel



Outline of Sterilization Process



- Plug to securely restrain any steam being exposed from bottle
- Bottle water window viewer
- Micro switch for safety If bottle is not set properly, unit will not operate
- Drain valve for easy drainage of chamber water after operation

Accessories



Steam saucer



Specifications

	SR200/200F	SP300/300F	SP500/500F	SP510/510F
■ Performance				
System	Automatic high pressure steam sterilizer			
Temp. setting range: Sterilization	105 to 123deg.C	105 to 128deg.C		
Maximum operational pressure	0.18MPa	0.2MPa		
■ Components				
Interior Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Heater	1.3kW	1.7kW	1.7kW	2.0kW
■ Controller				
Temp. controller	PID control by micro processor			
Temp. setting method	Digital setting by ▲▼ key			
Temp display method	Digital display by green LED			
Timer	1 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs.			
Min. division	1 min. or 1 Hrs.			
■ Safe Device				
Safety countermeasures	Self diagnosis functions (Sensor, Heater, SSR, Main relay, Low water), Over pressure safety valve, Electric leakage breaker			
■ Standard				
Effective internal dimensions(mm)	240(Dia.)×445 (Depth)	300(Dia.)×445 (Depth)	300(Dia.)×665 (Depth)	300(Dia.)×665 (Depth)
External dimensions(W×D×Hmm)	410×470×957	440×530×968	440×530×1,088	440×530×1,088
Effective (gross) capacity	20 (22) liters	32 (36) liters	47 (51) liters	47 (51) liters
Power source 50/60Hz	100/220V, single phase, 15A/6.8A	100/220V, single phase, 20A/9.1A	100V, single phase, 20A	200/220V, single phase, 12A/10.9A
Weight	Approx. 60 kg	Approx. 75 kg	Approx. 80 kg	Approx. 80 kg
■ Accessories				
	2 Racks (mesh pitch 8.5 mm), 1 Bottom plate, 1 Steam saucer and 1 Drain bottle.			

- The performance shown here is the value under the condition of the ambient temperature of 23deg.C±5deg.C, humidity of 65%RH±20%.
- The projection is not included for Internal dimensions and External dimensions.

■ Optional items

Description	Model No.	Product Code
OSM-60Basket (mesh type, 8.5mm) for 200, 205x204	SP Series	241087
OSM-70Basket (mesh type, 8.5mm) for 300, 262x204	SP Series	241088
OSM-80Basket (mesh type, 8.5mm) for 500/510, 262x315	SP Series	241089
OSQ-10Basket (mesh type, 2.5mm) for 200, 189x161	SP Series	241085
OSQ-20Basket (mesh type, 2.5mm) for 300/500/510, 249x203* (* Settable 2 pcs for SM300 and 3 pcs. For SM500)	SP Series	241086
OSQ-30Basket (mesh type) with stacking fitting for 200, 168x162 (2 pcs./set)	SP Series	241093
OSQ-40Basket (mesh type) with stacking fitting for 300, 246x162 (2 pcs./set)	SP Series	241092
OSQ-50Basket (mesh type) with stacking fitting for 500/510, 246x162 (3 pcs./set)	SP Series	241091
OSQ-60Basket (mesh type) with a mesh shelf for 200, 200x390 (with mesh shelf, 1 pc.)	SP Series	241096
OSQ-70Basket (mesh type) with a mesh shelf for 300, 260x390 (with mesh shelf, 1 pc.)	SP Series	241095
OSQ-80Basket (mesh type) with a mesh shelf for 500/510, 200x590 (with mesh shelf, 2pcs.)	SP Series	241094
OSR-10 Stainless solid basket for 200, 210x200	SP Series	241083
OSR-20 Stainless solid basket for 300/500/510, 270x200	SP Series	241084
OSM-50 Temp. sensor in vessel	SP Series	241076



Dimensions (Unit:mm)

