



Model		
201	301	501/511
Operating Temperature Range (Sterilization)		
105deg.C to 123deg.C		105deg.C to 128deg.C
Max. Operational Pressure		
0.18 MPa		0.2 MPa
Internal capacity		
20L	32L	47L

- 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.

#### ■ Specifications

	ST201	ST301	ST501	ST511
<b>Performance</b>				
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	
<b>Components</b>				
Interior Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Heater	1.3kW	1.7kW	1.7kW	2.0kW
<b>Controller</b>				
Temp. controller	PID control by micro processor			
Temp. setting method	Digital setting by UP/DOWN 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.			
<b>Safe Device</b>				
Safety countermeasures	Self diagnosis functions (Sensor, Heater, SSR, Main relay, Low water), Over pressure safety valve, Electric leakage breaker			
<b>Standard</b>				
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	AC100/220V, single phase, 13.5A/6.2A	AC100/220V, single phase, 17.5A/8A	AC100V, single phase, 17.5A	AC200/220V, single phase, 10.5A/9.6A
Weight	Approx. 60 kg	Approx. 75 kg	Approx. 80 kg	Approx. 80 kg
<b>Accessories</b>				
	2 Racks (mesh pitch 8.5 mm), 1 Bottom plate, 1 Steam saucer and 1 Drain bottle.			

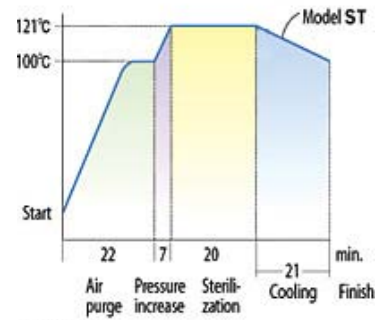
\* The performance shown here is the value under the condition of the ambient temperature of 23deg.C±5deg.C, humidity of 65%RH±20%.

\* The projection is not included for Internal dimensions and External dimensions.

■ Control Panel



■ Outline of Sterilization Process



Condition  
 Water temp.: 20°C, Setting temp.  
 /Time : 121°C/20min.  
 Used model ST301



- 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

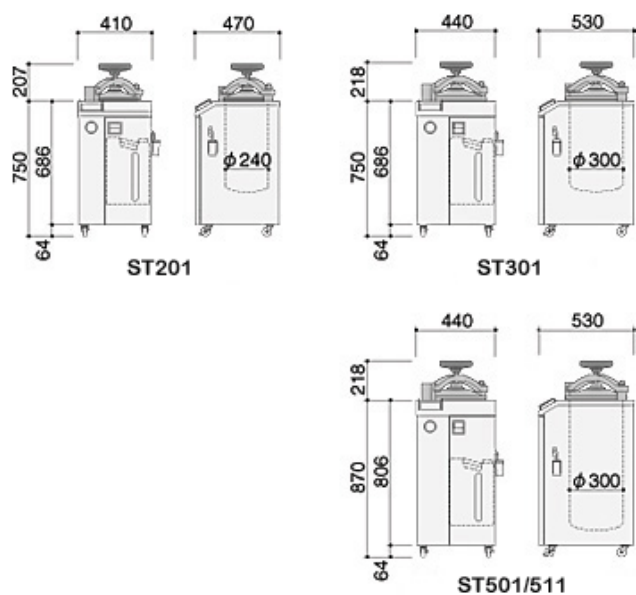


Steam saucer



Rack

■ Dimensions (Unit:mm)



■ Optional Items

Product Code	Model No.	Description	Corresponding models	Internal dimensions ( Dia.xDepth, mm)
241087	OSM-60	Basket (mesh type, 8.5mm)	for ST201	209x204
241088	OSM-70		for ST301	266x204
241089	OSM-80		ST501/511	266x315
241085	OSQ-10	Basket (mesh type, 2.5mm)	for ST201	190x159
241086	OSQ-20		for ST301/501/511	250x201*
(* Settable 2 pcs for ST301 and 3 pcs. For ST501/511)				
241093	OSQ-30	Basket (mesh type) with stacking fitting	for ST201	168x162 (2 pcs./set)
241092	OSQ-40		for ST301	246x162 (2 pcs./set)
241091	OSQ-50		for ST501/511	246x162 (3 pcs./set)
241096	OSQ-60	Basket (mesh type) with a mesh shelf	for ST201	200x390 (with mesh shelf)
241095	OSQ-70		for ST301	260x390 (with mesh shelf)
241094	OSQ-80		for ST501/511	200x590 (with mesh shelf)
241083	OSR-10	Stainless solid basket	for ST201	210x200
241084	OSR-20		for ST301/501/511	270x200
241076	OSM-50	Temp. sensor in vessel		

