

**AUTOCLAVE
PURISTER**



Top loading autoclave used to sterilize a variety of apparatus and supplies by subjecting them to high pressure saturated steam at 121 °C

- Top-loading floor top type
- Five-kinds safety devices

STANDARD SPECIFICATION



Model		PURISTER 60	PURISTER 80	PURISTER 100
Size	Inner(Dia. x H)mm	Ø350 x 650	Ø400 x 690	Ø450 x 690
	Out(W x D x H)mm	570 x 610 x 1200	620 x 670 x 1220	670 x 710 x 1180
	Capacity	60 L	80 L	100 L
	Weight(Kg)	104	123	145
Temperature	Type	Digital		
	Operating for sterilization	105°C~121°C		
	Display	Ambient +10°C ~ 124°C		
Pressure	Operating for sterilization	1.2bar at 121°C, 1.3bar at 124°C		
Pressure Gauge	Type	Analogue		
	Range	~3.0bar		
Inside Material		Stainless steel plate 304		
Outside Material		Epoxy powder coated steel plate		
Basket	Material	Wire Basket(2EA included)		
	Size(Dia. x H)mm	Ø320 x 250	Ø370 x 250	Ø420 x 250
Exhaust Bottle Material		HDPE Bottle(1EA included)		
Power		230V±10%, 50/60Hz, EU standard plug	230V±10%, 50/60Hz, 1 Phase, 3 pins high-power plug	
Power Consumption		3,000W	4,000W	4,000W
Safety Device		Over heat Protector, Thermal rocker-actuated circuit breaker, Water level sensor Pressure safety valve, Emergency exhaust valve		



LED Indicator in control pad
7 icons displayed as LED indicator show operational status



A slope of 5° in control pad
Ergonomic design for easy viewing angle



Condensation bottle for exhaust air
Prevent exhaust vapor emitting directly

MAIN FEATURE



Safe and trustworthy autoclave

As this equipment is used under conditions of high temperature / high pressure, it is considered safety once again by introducing a quintuple safety device.



Intuitive, easy-to-use digital controller

Icons display the sterilization progress and equipment status, so you can check the status at any time. Also, two LED windows allow you to check the temperature and time at the same time.



Durable equipment for longer lifespan

All materials of the liquid contacts, such as inner chamber, basket and door, are made of stainless steel to minimize the risk of corrosion.



Appearance that takes up less space in a neat design

Compact internal structure and sensuous design make it easy to install in any space in the lab.

FLASK LOADING CAPACITY

Flask Volume	Diameter of the bottom of flask	Height of flask	Capacity / Basket		
			PURISTER 60	PURISTER 80	PURISTER 100
25 ml flask	4.1 cm	6.1 cm	40	54	66
50 ml flask	5.1 cm	7.8 cm	25	37	44
125 ml flask	6.7 cm	11.4 cm	15	20	25
250 ml flask	8.2 cm	13.2 cm	9	13	19
500 ml flask	10.1 cm	17.6 cm	7	9	11
1000 ml flask	12.9 cm	21.6 cm	4	6	8
2000 ml flask	15.2 cm	27.9cm	3	4	5

※ 2000 ml flask is only available in upper basket

FEATURE PLUS



Optional thermal printer

Time and temperature during sterilizing process is printed on thermal paper.



RS-232 interface option

Real time monitoring on temperature data is possible at user's PC through customized software.

SAFE GUARD 5 kinds Safety devices



1. Water level sensor

When water level is lower than heater position, it stops heater operation and prevents overheating.



2. Pressure safety valve

When high pressure above 1.8bar is formed, safety valve is opened automatically so as to maintain appropriate internal pressure.



3. Emergency exhaust valve

Sterilizing work can be stopped by manually discharging air inside chamber.



4. Thermal rocker-actuated circuit breaker

It eliminates risk of fire due to over-current.



5. Thermo limiter

Mechanical thermostat protects the device

ORDER INFORMATION

DIVISION	ITEM	ORDER CODE		
		PURISTER 60	PURISTER 80	PURISTER 100
PRODUCT	Main Body	PST-6-MB	PST-6-MB	PST-10-MB
OPTION	Thermal Printer		PST 001 0010	
	RS 232 interface		PST 002 0017	