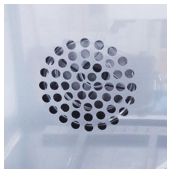
PURICELL
INCUBATOR

Forced convection incubator to realize stable and precise temperature distribution by digital PID control

- Forced convection Type

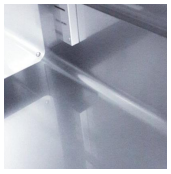
STANDARD SPECIFICATION

Model		PURICELL 100	PURICELL 150
Size	Inner(W x D x H)mm	500 x 400 x 500	500 x 500 x 600
	Out(W x D x H)mm	635 x 670 x 760	635 x 770 x 860
	Capacity	100 L	150 L
	Weight(Kg)	86	95
Controller		Standard : Digital PID controller	
Inside Material		Stainless steel plate 304	
Outside Material		Epoxy powder coated steel plate	
Shelf		Perforated Stainless Steel Shelves (2EA included / Up to 4EA)	Perforated Stainless Steel Shelves (2EA included / Up to 6EA)
Temperature	Range	Ambient +5°C ~ 70°C	
	Sensor Type	PT 100Ω	
	Control	Forced convection(Direct heating)	
Power		230V ±10%, 50-60Hz, 1Phase	
Power Consumption		335W	635W
Safety		Over heat protector, Fuse installed noise filter	



Heater/Fan at the rear of the chamber

Not in floor but in back wall



Round finishing edge of chamber

Easy to clean

Inner glass door

Enhance the sealing profile to prevent air loss

Sling shelf

Easy to handle specimen

Cable port in the side wall

Easy to handle specimen

MAIN FEATURE

- **Incubator that reaches the set temperature quickly and maintains well**

  Because the inner chamber is evenly heated by forced convection method, high-efficiency heat transfer is achieved. This characteristic makes it easy to reach the set temperature and produces even temperature distribution.

- **Practical and functional design**

  Internal glass doors are closed to allow for no heat loss and are designed to prevent double heat losses in conjunction with exterior doors.

- **Shelves that are easy to adjust height and easy to use**

  The height-adjustable shelf provides flexible space utilization for incubation, and the sliding shelf, which can be removed like a drawer, makes it easy to insert and remove specimens.

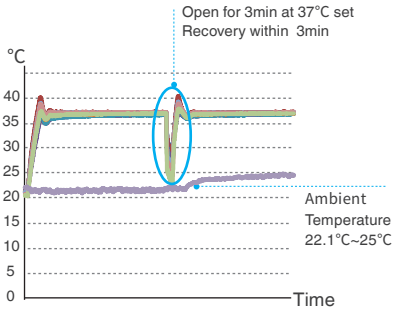
- **Durable equipment for longer lifespan**

  *All materials of inner chamber is made of stainless steel to minimize the risk of corrosion.

FEATURE PLUS

- **Rapid set temperature recovery**

  After a door is being opened / closed, it restores to the set temperature quickly.



SAFE GUARD

- **Automatically stop of heater & fan when a door is being opened**

  When user opens door to handle sample, air circulating fan becomes off automatically so that internal air would not discharged to user's direction. when a door is closed, it starts tooperate again.

Heating
Dynamics

- **Overheating protection**

  Block the risk of overheating even if there is a problem with automatic temperature control.

ORDER INFORMATION

DIVISION	ITEM	ORDER CODE			
		PURICELL 100	PURICELL 100 RS232	PURICELL 150	PURICELL 150 RS232
PRODUCT	Main Body	PCL-10-MB	PCL-10-232-MB	PCL-15-MB	PCL-15-232-MB
OPTION	Change To Stainless Shelf(Wire)	PCL-10-OP1	PCL-10-232-OP1	PCL-15-OP1	PCL-15-232-OP1
	Thermal Printer	N/A	PCL-10-232-OP2	N/A	PCL-15-232-OP2
SPARE	Stainless Shelf(Perforated)	PCL-10-SP1	PCL-10-232-SP1	PCL-15-SP1	PCL-15-232-SP1
	Stainless Shelf(Wire)	PCL-10-SP2	PCL-10-232-SP2	PCL-15-SP2	PCL-15-232-SP2
	Heater	PCL-10-SP3	PCL-10-232-SP3	PCL-15-SP3	PCL-15-232-SP3
	Fan Motor	PCL-10-SP4	PCL-10-232-SP4	PCL-15-SP4	PCL-15-232-SP4
	Mainboard & Controller	PCL-10-SP5	PCL-10-232-SP5	PCL-15-SP5	PCL-15-232-SP5
	Mainboard & Controller(Option)	PCL-10-SP6	PCL-10-232-SP6	PCL-15-SP6	PCL-15-232-SP6
	Thermal Printer(Option)	PCL-10-SP7	PCL-10-232-SP7	PCL-15-SP7	PCL-15-232-SP7
	Main Power Switch	PCL-10-SP8	PCL-10-232-SP8	PCL-15-SP8	PCL-15-232-SP8