



PURICELL_SHAKING SHAKING INCUBATOR

Shaking incubator which provides aeration-agitation environment suitable for cell culture

- Dual fan
- AC motor
- 20~300 RPM



STANDARD SPECIFICATION



Model	PURICELL_SHAKING 80	
Size	Inner(W x D x H)mm	505 x 550 x 420
	Out(W x D x H)mm	540 x 875 x 575
	Platform(W x D)mm	450 x 450
	Weight(Kg)	100
Controller	Standard : Digital PID controller, Auto-tuning	
Inside Material	Stainless steel plate 304	
Outside Material	Epoxy powder coated steel plate	
Door Material	Polycarbonate	
Shaking Platform	Standard: Universal tray + Sticky pad(4EA/Set)	
Lamp	LED lamp	
Temperature	Range	15°C ~ 65°C
	Wait On Timer	59m.59s / 59h.59m / continuous
	Sensor Type	PT 100Ω
	Control	Forced convection(Direct heating & cooling)
Compressor	1/5HP, Non-CFC	
Shaker	Motion	Clockwise
	Speed Range	20~300 RPM at floor / 20~200 RPM at table
	Wait Off Timer	59m.59s / 59h.59m / continuous
	Throw	25mm
Power	AC 230V±10%, 50 / 60Hz, 1Phase	
Power Consumption	330W	
Safety	Over heat protector, Fuse installed noise filter, Heat protective barrier of controller box, Cooling fan for motor	



Precise control of shaking speed

1RPM increment / ±1RPM accuracy at 100RPM



Sticky Pad Tray

Easy to clean by water/alcohol



Dual fan for air circulation

Fast temperature distribution

● ● ● **MAIN FEATURE**

● **Shaking incubator with refrigeration**

- The built-in refrigeration system is designed for widely supporting from low temperature experiment to high temperature

● **Transparent plastic door for easy observation**

By applying a transparent cover of polycarbonate material, The door can be opened / closed smoothly and it's easy to observe inside.

● **A variety of options for shaking platform**

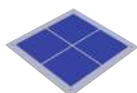
Different style of shaking platform is available based on user's requirement

● **LEDs that do not affect the temperature inside the chamber**

light makes it easier to observe the chamber without affecting the internal chamber temperature with a low heat LED light inside.

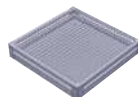
● ● ● **FEATURE PLUS**

● **Optional Tray depending on various shaking platform**



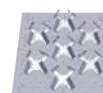
Standard : Universal tray + Sticky pad

- It has advantage that free space arrangement is possible regardless of flask size.



Option type : Spring Rack

- Flask can be fixed by spring wire and various sizes of flask can be fit.



Option type : Universal tray + Steel flask holder

The flask can be hold by fitting a flask holder by size. <Max capacity of flask holder>

Flask Size	2L	1L	500ml	250ml	100ml
Capacity	5EA	7EA	16EA	25EA	45EA

● ● ● **SAFE GUARD**

● **Electrical safety design**

- There is no risk of electrical leakage in spite of samples because of the leakage-proof design of bottom plate.
- Because controller and main board are installed in the isolated drawer box, it is electrically safe and easy to maintenance.



● ● ● **ORDER INFORMATION**

DIVISION	ITEM	ORDER CODE
		PURICELL_SHAKING 80
PRODUCT	Main Body	PCS-8-R-MB
OPTION	Change To Universal Tray Without Sticky Pad	PCS-8-R-OP1
	Change To Spring Rack(453x453mm)	PCS-8-R-OP2
	Flask Holder 100ml(Stainless)	PCS-8-R-OP3
	Flask Holder 250ml(Stainless)	PCS-8-R-OP4
	Flask Holder 500ml(Stainless)	PCS-8-R-OP5
	Flask Holder 1000ml(Stainless)	PCS-8-R-OP6
	Flask Holder 2000ml(Stainless)	PCS-8-R-OP7
SPARE	Universal Tray	PCS-8-R-SP1
	Spring Rack	PCS-8-R-SP2
	Sticky Pad(1EA)	PCS-8-R-SP3
	Heater	PCS-8-R-SP4
	Shaking Motor(60Hz)	PCS-8-R-SP5
	Shaking Motor(50Hz)	PCS-8-R-SP6
	Door Cover	PCS-8-R-SP7
	Mainboard & Controller	PCS-8-R-SP8