



PURIKER CELL

An orbital shaker that can be used stably in a humidity and CO₂ controlled environment to help efficient cell growth in a CO₂ incubator.

MAIN FEATURE

LCD screen control panel that can be mounted outside the incubator

As a control panel attached to the outside of the incubator, it can be easily monitored and operated without opening the chamber, which is optimal design to prevent heat loss and CO₂ loss. It has convenience to adjust the position to be attached according to the shape of the incubator or the needs of researchers.

Space efficient design

It is a slim orbital shaker that can be installed inside devices such as CO₂ incubators. Its sticky mat platform support researchers to configure the flask arrangement freely to realize maximum capacity.

Magnetic drive motor with strong force

Excellent aeration is possible with high rotational force based on strong magnetic force. Minimal heat generation from powerful but low-power BLDC operation does not affect indoor culture temperature control, supporting stable culture work.



Long durability in harsh environments with 20% CO₂ and 80% humidity

It can be used for a long time even in a high humidity and gas environment in an incubator by applying corrosion-resistant parts and an aluminum case.





Low center of gravity platform for extension to larger tubes

With the design of the lowest platform height (85mm) in its class, it is possible to use larger flasks.

STANDARD SPECIFICATION

MODEL		PURIKER CELL
Size	Inner(W x D x H)mm	445 W x 360 D x 85 H (mm)
	Out(W x D x H)mm	400 x 325 (mm)
	Weight(Kg)	11.5KG
Controller		External Control Box
Motion Type		Orbital
Motor		Brushless DC motor
Speed Range		40 ~ 200 RPM (±2RPM)
Shaking Throw		25mm
Shaking Platform		Sticky Pad
Timer Range		99h 59min or continuous
Maximum Load		3KG
Power Supply		AC 100-200V, 50/60Hz, EU Standard Plug
Allowable Condition		4~60°C, 20~98% Rh, Up to 20% CO2
Tray Size		400mm X 325mm
Cat. No.		CS-PKR-CELL-Set

LOAD CAPACITY

Capacity With Sticky Stuff	For Erlenmeyer flask	25ml X 48EA
		50ml X 35EA
		100ml X 23EA
		250ml X 12EA
		500ml X 8EA
		1000ml X 5EA

ORDER INFORMATION

DIVISION	ITEM	PURIKER CELL
		Cat. No.
PRODUCT	Main Set	CS-PKR-CELL-Set