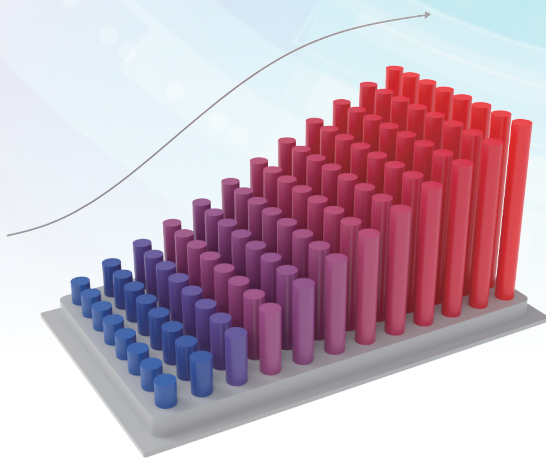
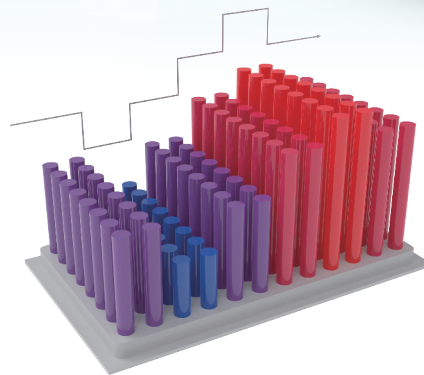


RePure

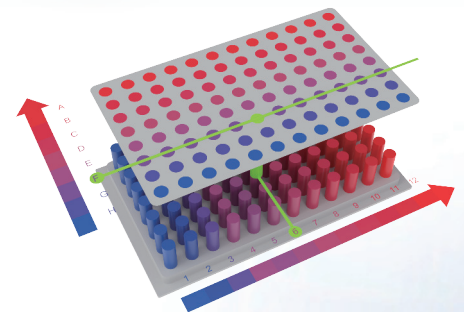
REPURE SERIES THERMAL CYCLER



RePure-A



RePure-B



RePure-C

Description

RePure series thermal cycler has Android operation system and 10.1 inch capacitive touch screen. Operation is very smooth and simple. Air channel is in front and back and it allows machine placed side by side. Self-adapting pressure hot lid makes closing lid and tightening lid in one step. It has long service life peltier heating units and max. ramping rate is 8°C/S and cycle times is more than 1000,000. Wifi unit is built in and user can control many units of PCR through mobile App.

Feature

- High heating and cooling rate, max. Ramping rate 8 °C/s
- Automatic restart after power failure. When power is restored it can continue to run unfinished program.
- One-click quick incubation function can meet experiment' s needs such as denaturation, enzyme cutting/enzyme-link and ELISA.
- Hot lid temperature and hot lid work mode can be set to meet different experiment's need

Specification

Model No.	RePure-A	RePure-A(F)	RePure-A(384)	RePure-B	RePure-C
Capacity	96×0.2ml	96×0.2ml	384well	6×16×0.2ml	96×0.2ml
Tube	0.2ml tube, 8 strips, Half skirt96 wells plate, No skirt 96 wells plate	0.2ml tube, 8 strips, full skirt 96 wells plate, Half skirt96 wells plate, No skirt 96 wells plate	384 PCR microplate	0.2ml tube, 8 strips, Half skirt96 wells plate, No skirt 96 wells plate	
Reaction Volume	5-80ul	5-80ul	5-30ul	5-80ul	
Temperature Range	0-105°C				
MAX. Ramp Rate	5°C/s	6°C/s	5°C	6°C/s	8°C
Uniformity	≤±0.2°C				
Accuracy	≤±0.1°C				
Display Resolution	0.1°C				
Temperature Control	Block\Tube				
Ramping Rate Adjustable	0.1-5°C	0.1-6°C	0.1-5°C	0.1-6°C	0.1-8°C
Gradient Temp. Range	30-105°C				
Gradient Type	Normal Gradient	Normal Gradient	Normal Gradient	Dynamic Gradient	Two-Dimensional Gradient
Gradient Spread	1-42°C	1-42°C	1-42°C	six zone,each zone is 0.1-5°C	Horizontal: 1-30°C Vertical: 1-24°C
Hot Lid Temperature	30-115°C				
Number of Programs	20000 +(USB FLASH)				
Max. No. of Step	30	30	30	40	40
Max. No. of Cycle	200				
Time Increment/Decrement	1 Sec - 600 Sec				
Time Increment/Decrement	0.1-10.0°C				
Pause Function	Yes				
Auto Data Protection	Yes				
Hold at 4°C	Forever				
Touchdown Function	Yes				
Long PCR Function	Yes				
Language	English				
Computer Software	Yes				
Mobile phone APP	Yes				
LCD	10.1 inch, 1280×800 pels				
Communication	USB2.0 , WIFI				
Dimensions	385mm× 270mm× 255mm (L×W×H)				
Weight	10KG	10KG	10KG	10KG	17KG
Power Supply	100-240VAC , 50/60Hz , 600 W	100-240VAC , 50/60Hz , 750 W	100-240VAC , 50/60Hz , 750 W	100-240VAC , 50/60Hz , 600 W	100-240VAC , 50/60Hz , 1200 W

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