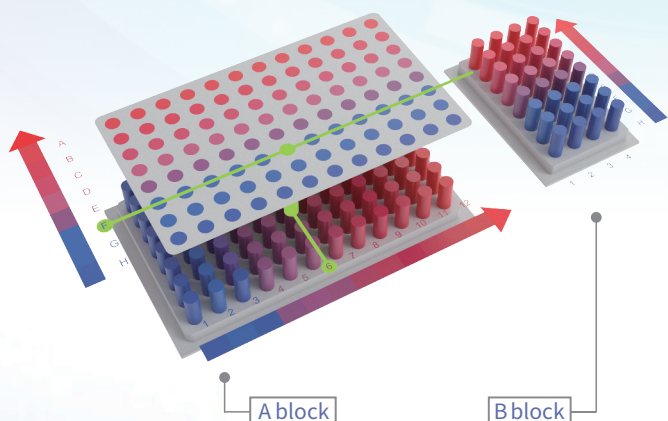


## RePure-D

### Series Thermal Cycler



Dual block 2-dimensional gradient pic

- **Innovative research and development**
- **Dual block 2-dimensional PCR**
- **Multiple gradient exploration function**

## Description

RePure-D/D+ series thermal cycler has Android operation system and 10.1 inch capacitive touch screen. Independent operation of double blocks. 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. Wifi unit is built in and user can control many units of PCR through mobile App.

## Feature

- Double blocks design, a variety of combinations, one machine can be used for two different programs
- High heating and cooling rate, max. Ramping rate 8 °C/s, can save your precious time.
- Self-adapting pressure hot lid makes closing lid and tightening lid in one step
- Air channel is in front and back and it allows machine placed side by side

## Specification

Model No.	RePure-D(B)		RePure-D		RePure-D(P)	
Capacity	64×0.2ml (A Block) + 32×0.2ml (B Block)					
Tube	0.2ml tube, 8 strips					
Reaction Volume	5-120ul					
Temperature Range	0-105℃					
MAX. Ramp Rate	5℃/s		5℃/s		8℃/s	
Uniformity	≤±0.2℃					
Accuracy	≤±0.1℃					
Display Resolution	0.1℃					
Temperature Control	Block\Tube					
Ramping Rate Adjustable	0.1-5℃		0.1-5℃		0.1-8℃	
Gradient Temp. Range	30-105℃					
Gradient Type	Normal Gradient (A BLOCK)	Normal Gradient (A BLOCK)	Two-Dimensional Gradient	Normal Gradient	Two-Dimensional Gradient	Normal Gradient
Gradient Spread	1-30℃	1-30℃	Horizontal: 1-30℃ Vertical: 1-30℃	1-30℃	Horizontal: 1-30℃ Vertical: 1-30℃	1-30℃
Hot Lid Temperature	30-115℃					
Number of Programs	20000 +(USB FLASH)					
Max. No. of Step	40					
Max. No. of Cycle	200					
Time Increment/Decrement	1 Sec - 600 Sec					
Temp. Increment/Decrement	0.1-10.0℃					
Pause Function	Yes					
Auto Data Protection	Yes					
Hold at 4℃	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	11KG		11KG		18KG	
Power Supply	100-240VAC, 50/60Hz, 600W		100-240VAC, 50/60Hz, 600W		100-240VAC, 50/60Hz, 1200W	

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