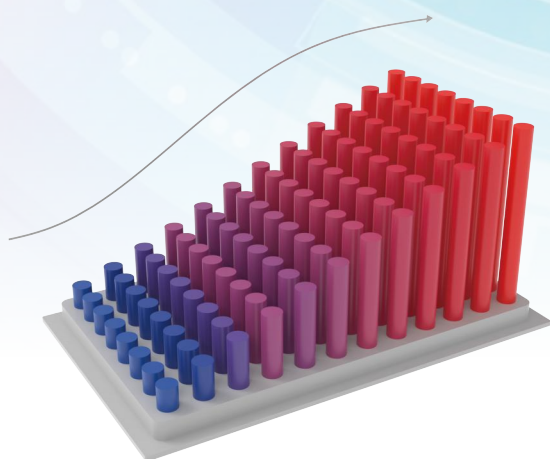
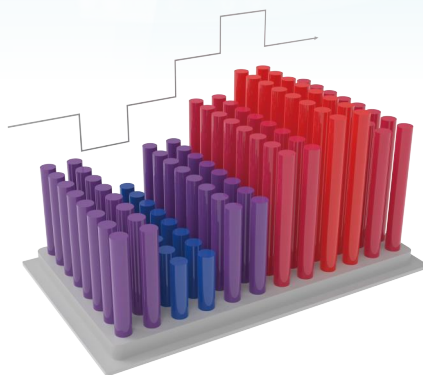


RePure

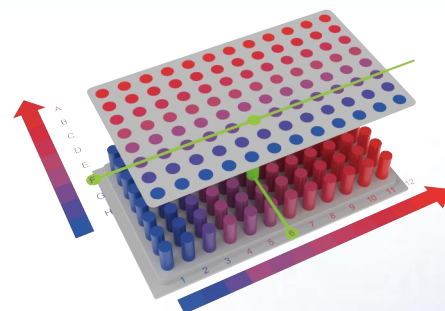
REPURE SERIES THERMAL CYCLER



RePure-A



RePure-B



RePure-C/F

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 9.5°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 9.5 °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

Parameters

Model/Specification						
Model No.	RePure-A	RePure-A(F)	RePure-A(384)	RePure-B	RePure-F	RePure-C
Capacity	96×0.2ml		384well	6×16×0.2ml	96×0.2ml	
Formats	0.2ml tube, 8 strips,12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.2ml tube, 8 strips,12 strips, 96 wells plate	384 PCR microplate	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate		
Reaction Volume	5-100ul		5-30ul	5-100ul		
Temperature Performance						
Temperature Range	0-105 ℃					
MAX.Ramp Rate	6 ℃/s	7 ℃/s	5 ℃/s	6 ℃/s	8 ℃/s	9.5 ℃/s
Uniformity	≤±0.2 ℃					
Accuracy	≤±0.1 ℃					
Display Resolution	0.1 ℃					
Temperature Control	Block/Tube					
Ramping Rate Adjustable	0.01-6 ℃/s	0.01-7 ℃/s	0.01-5 ℃/s	0.01-6 ℃/s	0.01-8 ℃/s	0.01-9.5 ℃/s
Hold at 4 ℃	Forever					
Gradient Performance						
Gradient Temp. Range	30-105 ℃					
Gradient Type	Normal/Linear			Dynamic	Normal/Linear/2D	Normal/Linear/2D
Gradient Spread	0.1-42 ℃			Six zone, each zone is 0.1-5℃	Horizontal:0.1-42 ℃ Vertical:0.1-30℃	Horizontal:0.1-42 ℃ Vertical:0.1-30℃
Hot Lid Function						
Hot Lid Temperature	30-115 ℃					
Software Function						
Number of Programs	200,000+(USB FLASH)					
Max. No. of Step	30(Multiple nested PCR experiments)			40(Multiple nested PCR experiments)		
Max. No. of Cycle	200(Up to 100,000 in nested cycles)					
Time Increment/ Decrement	1s-600s, Long PCR is available					
Temp. Increment/ Decrement	0.1-10.0° ℃ , Touchdown PCR is available					
Pause Function	Yes					
Auto Data Protection	Yes					
Temperature Curve	Record hot lid and module temperatures in real time, with a 60-minute recording time on a single page and a sliding view					
GLP Report	Record the running information of each step of the program, and can export CSV, PDF format report					
File Encryption Function	Individual program files can be encrypted					
User Management Privilege	Three levels of access (administrator, user, guest)					
Email Notification	Email notification after experiment is over					
Lock Screen Function	Prevents accidental termination of the program being experimented on					
PC-LINK Function	Simultaneous on-line monitoring of more than 250 instruments					
Mobile Phone APP	Simultaneous on-line monitoring of more than 250 instruments					
Other Performance						
Communication	USB 2.0,WIFI					
Dimensions	385mm×270mm×255mm(L×W×H)					
Weight	10kg					
Power Supply	100-240VAC, 50/60Hz,600W	100-240VAC,50/60Hz,750W		100-240VAC, 50/60Hz,600W	100-240VAC, 50/60Hz,1200W	

