

# THERMAL CYCLER NON GRADIENT WITH TOUCH SCREEN

## RIC-315

Newest Generation Peltier-based Technology, more Steady, Reliable and Durable  
7" **Color** full Touch Screen, Graphical Display of Protocols Effort-less Interchangeable  
Reaction Modules that Swap in Seconds without Tools.  
Unlimited storage of Protocols with USB Flash Drive

### Optional Module:

96wells×0.2ml  
96wells×0.2ml+77wells×0.5ml  
48wells×0.2ml+48wells×0.5ml  
108wells×0.2ml+88wells×0.5ml  
384wells  
Multi-purpose Module: 96wells×0.2ml + In-situ Adapter



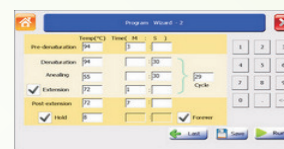
### Temperature:

Block Temperature Range: 0°C ~ 100°C  
Max. Ramping Rate: 4°C/sec  
Temperature Uniformity: Less than Equals to ±0.2°C (at 95°C)



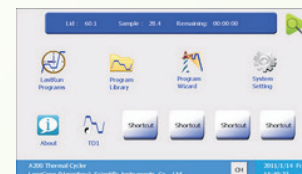
### Heated Lid:

Innovative Designed Two-in-One (Open/Lift) Lid  
Auto Shut-off Heating Function of Lid at Low Temperature (<30°C) of block  
Step-less Adjustable Lid, accommodates a wide range of PCR tubes and plates



### Software:

Max.30 Steps, multiple nested cycle available  
100 Typical Cycles, multiple nested 60000 cycles  
Time/Temp. Increment/Decrement is available for performing Long PCR and Touchdown PCR  
Auto Pause; Auto restart after power failure  
An Infinite incubation time at low temperature for overnight working  
Multi-user log in with password-based authentication, free from worry of copy and alteration of protocols by others, ensure user's privacy and safety  
Tm calculator: automatically calculates the melting and annealing temperature with two primer sequences, greatly improve work efficiency  
Program wizard provides a quick method for creating PCR protocols in a few steps  
Display recent run 10 programs for easy access  
Get detailed running report, providing precise data support for analyzing of experimental results  
Effortlessly Combine up to 50 units of RIC-315/316 for remote control and management by computers



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