

THERMAL CYCLER FAST WITH TOUCH SCREEN GRADIENT/NON GRADIENT RIC-317/ 317G

7" **Color** full Touch Screen, Graphical Display of Protocols, running status, Effort-less Newest Generation Peltier-based Technology, more Steady, Reliable and Durable. Interchangeable. Reaction Modules Swap in Seconds without Tools.

Optional Module: (Gradient & Non-Gradient Models)

96wells×0.2ml

96wells×0.2ml+77wells×0.5ml

48wells×0.2ml+48wells×0.5ml

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

SPECIFICATIONS:

Temperature:

Block Temperature Range:	0°C ~ 100°C
Max. Heating/Cooling Rate:	6°C/sec
Temperature Uniformity:	Less than = ±0.2°C
Temperature Accuracy:	Less than = ±0.1°C
Display Resolution:	0.1°C
Mode of Temperature Control:	Sim-tube & Block mode

Applicable for RIC-317G Only

Gradient Accuracy:	Less than = ±0.1°C
Column Uniformity:	Less Than = ±0.2°C
Gradient Range:	30°C ~ 99.9°C
Temp. Differential Range:	Max. 30°C
Gradient Capability:	12 Column (Vertical)

Heated Lid:

Innovative Designed Two-in-One (Open/Lift) Lid

Auto Shut-off Heating Function of Lid at Low Temperature (30°C to 112°C) of block Step-less Adjustable Lid, accommodates a wide range of PCR tubes and plates

Wide Range Power Supply 175V ~ 275V, 50-60Hz

Communication Ports: USB2.0, LAN and RS232; Power Consumption: Max.600W

Dimension (L×W×H) : 362×256×255mm ; Net Weight: 7.3kgs

Software:

Max. 15,000 programs onboard, unlimited storage of protocols with USB flash drive

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

Hold at 4°C: an Infinite incubation time at low temperature for overnight working.

Program wizard provides a quick method for creating PCR protocols in a few steps

Running Report: Yes, provide precise data support for analyzing of experimental results

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 RIC315/316 for remote control and management by computers



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RIC is continually improving its products & reserves the right to change specifications without prior notice.