

## NeoCycler 100 - Non-Gradient Thermal Cycler

#Cat: NB-12-3003

Size: 1Unit

### Features :

1. Newest Generation Peltier-based Technology, more Steady, Reliable and Durable
  2. 7" Color Full Touch Screen, Graphical Display of Protocols
  3. Effortlessly Interchangeable Reaction Modules that Swap in Seconds without Tools.
  4. Unlimited storage of Protocols with USB Flash Drive
  5. Update software with USB Flash Drive
- The NeoCycler 100 is provide with a 9677 / 96 module.



### Optional modules (Without Gradient)

Cat#	Model	Capacity
NB-12-3005	9677 / 96 non-Gradient	96 wells×0.2ml+77 wells×0.5ml
NB-12-3007	Multi-purpose Non-Gradient	9677 Module + In-situ Adapter
NB-12-3008	384 Module Non-Gradient	384 wells

### Temperature

Block Temperature Range: 0°C~100°C  
 Max. Ramping Rate: 5°C/sec  
 Temperature Uniformity:  $\pm 0.2^{\circ}\text{C}$  (at 95°C)

### Heat Lid

Innovative Designed Two-in-One (Open/Lift) Lid  
 Auto Shut-off Heating Function of Lid at Low Temperature (<30°C) of block  
 Steplessly Adjustable Lid, accommodates all kinds of PCR tubes, strips and plates



## Software

Max.30 Steps

100 Typical Cycles, max. 60,000 nesting 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 prevents from view, copy and alteration of protocols, ensure user's privacy and safety

Tm calculator automatically calculates the melting and annealing temperature through input 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 objective and precise information for the whole experiment Effortlessly Combine up to 50 units of A100/200 for remote control and management by computers



## Other Features

Wide Range Power Supply 85V-265V, 47-63Hz

Communication Ports: USB2.0, LAN and RS232

Power Consumption : Max.600W

Certificate: ISO 9001:2000, CE, RoHS

Dimension (LxWxH) : 362x256x255mm

Net Weight: 7.3kgs



Cat#	Description
NB-12-3003	NeoCycler 100 - Non-Gradient Thermal Cycler (with 9677 / 96 module)