Ne Biotech

NeoCycler 300 - Fast Thermal Cycler

#Cat: NB-12-3001   **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 300 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

Optional modules (WithGradient)

Cat#	Model	Capacity
NB-12-3004	9677 / 96 Gradient	96 wells×0.2ml+77 wells×0.5ml
NB-12-3006	Multi-purpose Gradient	9677 Module + In-situ Adapter

Temperature

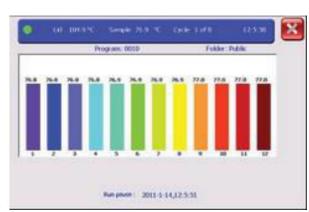|	
Block Temperature Range:	0°C～100°C
Max. Ramping Rate:	6°C/sec
Temperature Uniformity:	±0.2°C（at 95°C）

Heat Lid

Innovative «TOP-OPEN» technology realizes open and lift in one step
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
（L×W×H）: 362×256×255mm Net Weight:
7.3kgs

Interchange Block:

Cat#	Description
NB-12-3001	NeoCycler 300 - Fast Thermal Cycler (with 9677 / 96 module)