

NeoCycler 300 - Fast Thermal Cycler

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 (With Gradient)

| 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

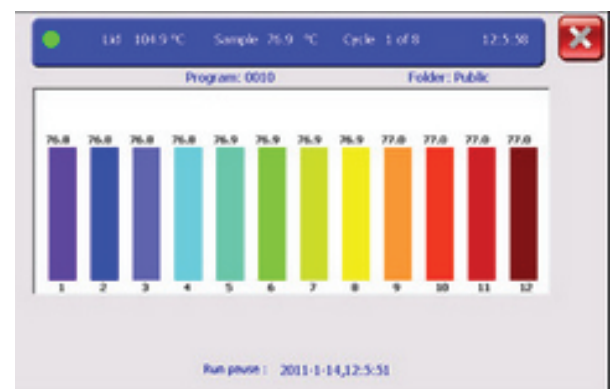
Block Temperature Range: 0°C ~ 100°C
 Max. Ramping Rate: 6°C/sec
 Temperature Uniformity: ≤±0.2°C (at 95°C)

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

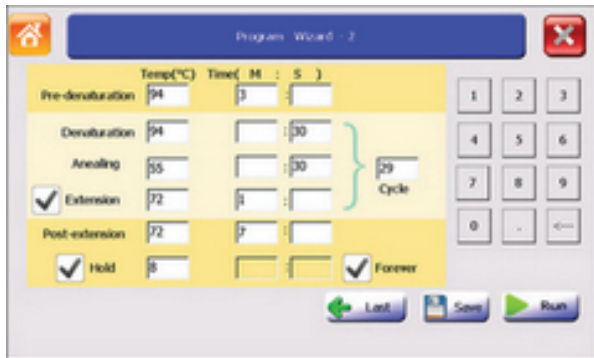
Tm calculator automatically calculates the melting and annealing temperature through input two primer sequences, greatly improve work efficiency

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) |