

NeoCycler 200 - Gradient 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 200 is provide with a 9677 / 96 module.



Optional modules (With Gradient)

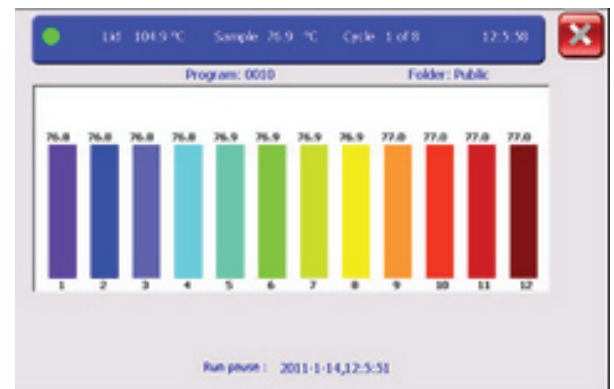
Cat#	Model	Capacity
NB-12-3004	9677 / 96 Gradient	96 wells×0.2ml+77 wells×0.5ml
NB-12-3006	Multi-purpose Gradient	9677 Module + In-situ Adapter

Temperature

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

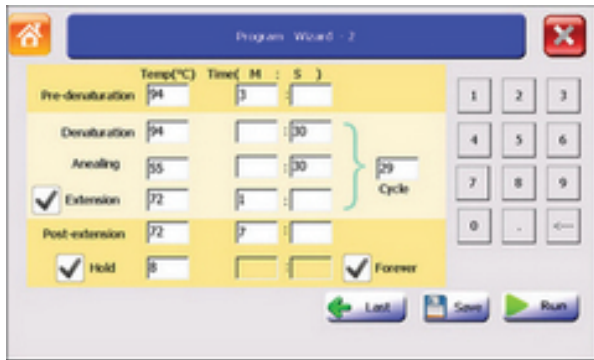
Tm calculator automatically calculates the melting and annealing temperature through input two primer sequences, greatly improve work efficiency

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 (L×W×H) : 362×256×255mm

Net Weight: 7.3kgs

Interchange Block:



Cat#	Description
NB-12-3002	NeoCycler 200 - Gradient Thermal Cycler (with 9677 / 96 module)