

NeoCycler Duo - Multi-block Thermal cycler

#Cat: NB-12-3025



Products Advantage

- 2 independent sample blocks, 3 super gradient temperatures can be set for each block.
- 10" TFT Full Color touch screen, with wide viewing angles.
- New generation Peltier technology, allowing 1,000,000 run cycles.
- New generation Peltier technology, with ramping rate more than 7.5°C/s.
- New lever-style heat lid to up the lid pressure automatically, ensuring even pressure during running of protocol.

Model	NeoCycler Duo
Sample Block	2 Blocks 3*16 Wells 0.2 ml PCR tube strip with flat & dome cap
Heating & Cooling Technology	New generation Peltier technology allow 1,000,000 cycles
Display	10" Full Color Touch Screen with adjustable angle, and real-time gaps graphical display
Language	English
USB flash drive Function	Unlimited storage of protocols with USB flash drive; Backup use r's data
Communication Ports	USB 2.0 & LAN
TEMPERATURE	
Block Temp. Range	0°C - 105°C
Max. Heating Rate	7.5°C/s
Max. Cooling Rate	6°C/s
Temp. Uniformity	<±0.2°C(at90°C)
Temp. Accuracy	<±0.1°C(at90°C)
Display Resolution	0.1°C
Ramping Rate Adjustable	0.1 - 5°C/s
GRADIENT	
Gradient Accuracy	<±0.1°C
Uniformity	16 Wells Uniformity<±0.2°C
Gradient Range	30°C - 105°C
Temp. Differential Range	0.1-25°C
Display of Gradient Temperature	3 Zone Temp Can Be Set Independently for each individual Block b better than traditional gradient function
SOFTWARE	
Max. Number of Programs	Max.15,000 programs onboard, unlimited storage of protocols with USB flash drive
Max. Step	30 Steps, multiple nesting cycles available
Max. Cycle	100 Typical Cycles (multiple nesting allows 10,000 cycles)
Time Increment/decrement	1 - 600 sec, available for Long PCR
Temp Increment/decrement	0.1 - 10°C, available for Touchdown PCR
Auto Pause & Auto Restart	yes
Hold at 4°C	A below ambient Temp. incubation allow PCR products storage of overnight
Program Wizard	Pre-program template make the editing very easy through modify several parameters
Running Report	Provide full review of previously run protocols

HEAT LID	
Lid Temp. Range	30°C - 112°C
Open Method	Innovative TOP-OPEN technology, with even pressure of heat lid
Auto Shut-off	Lid will shut off automatically when the block Temp. falls below set t Temp
OTHER FEATURES	
Power	Global switch power supply: 100V-240V, 50-60Hz
Consumption	750W
Dimensions(L×W×H)	375×270×277mm
Net Weight	13KG