NeoCycler Trio with 3 blocks

NB-12-3024

NeoCycler Duo with 2 blocks

NB-12-3025

COMPACT EFFICIENT MULTI-PURPOSE

INNOVATIVE PELTIER TECHNOLOGY

1 2 or 3 individual blocks allowing simultaneous operation of different protocols

2 Latest Peltier technology, maximum ramp rate 7℃/s

3 10" TFT touch screen, freely adjustable, wide viewing angles

4 Easily interchangeable sample blocks without need for tools

Model	NeoCycler Duo	NeoCycler Trio
Sample Block	2*48 wells*0.2ml	3*32 wells*0.2ml
	Easily Interchange without tool	
Tube Optional	0.2ml PCR tubes, 8 stripes	
Peltier Technology	Latest generation Peltier technology, allowing 1,000,000 cycles run	
LCD	10" Full Color Touch Screen with adjustable angle, real -time graphical display	
Language	English	
Communications	USB 2.0 and LAN	

Temperature

Block Temperature Range	4℃～99.9℃	
Max. Heating Rate	7℃/s	
Max. Cooling Rate	6℃/s	
Temperature Uniformity	≤±0.2℃ (at 90℃)	
Temperature Accuracy	≤±0.1℃ (at 90℃)	
Display Resolution	0.1℃	
Ramping Rate Adjustable	Yes	
Mode of Temperature Control	Sim-tube & Block	

Gradient

Gradient Accuracy	≤±0.1℃ (at 90℃)	
Column Uniformity	≤±0.2℃ (at 90℃)	
Gradient Range	30℃～99.9℃	
Temp. Differential Range	1～25℃	
Gradient Temp. Distribution	2*8 Gradient Temp	3*8 Gradient Temp

Software

Max. number of programs	Max. 100,000 programs onboard, unlimited storage of protocols with USB flash drive
Max. Step	30 steps, multiple nesting cycle available
Max. Cycle	100 standard cycles (multiple nesting allows 10,000 cycles)
Time Increment/Decrement	1-120 sec, available for Long PCR
Temperature Increment/Decrement	0.1-9.9℃, available for Touchdown PCR
Auto Pause and Auto Restart	Yes
Multi-user log in	Password-based authentication protect personal PCR protocols
Hold at 4℃	Yes, a below ambient temperature incubation allow PCR results storage overnight
Program Wizard	Yes, template PCR protocol allow to create a new one with only a few clicks
Running Report	Yes, provide full review after protocol running
PC Connection	Yes

Heat Lid

Lid Temperature Range	30℃～112℃
Open Method	Innovative TOP-OPEN™ technology, with excess even pressure of heat lid
Auto Shut-Off	Yes, lid heating will shut off automatically when the block temperature below set temperature

Other Features

Power	Universal switch power supply : 85V ～ 265V, 50-60Hz, Max. 750W
Dimension（L×W×H)	375×270×277mm
Net Weight	13KGS

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