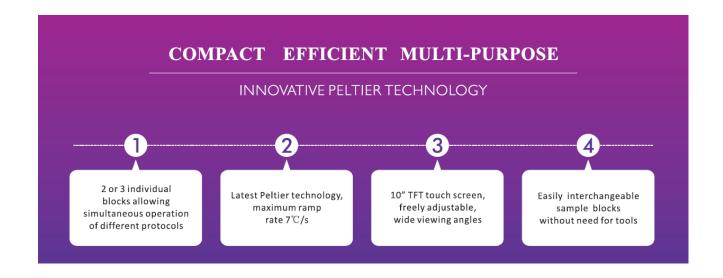
NeoCycler Duo and Trio - Multi-block Thermal cycler NB-12-3025 / NB-12-3024



NeoCycler Trio with 3 blocks
NB-12-3024



NeoCycler Duo with 2 blocks
NB-12-3025



| Model | NeoCycler Duo | NeoCycler Trio |
|---------------------------------|---|-------------------|
| Sample Block | 2*48 wells*0.2ml | 3*32 wells*0.2ml |
| Sample Block | 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 | |

