

Compact Real-Time Nucleic Acid Amplification Device

RT-DuxCycler



RT-DuxCycler is a portable real-time PCR system that can amplify 25 samples simultaneously. Its compact and light design allows maximization of laboratory space without compromising quality or performance. The RT-DuxCycler can multiplex up to four targets with results easily viewed through a PC-operated software.



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Characteristics

- 1 Compact & Light Real Time PCR**
 - Ideal for low throughput nucleic acid analysis.
 - High portability and easy set up allows you to perform experiments anywhere
 - 4 Fluorescent channels optimize sample analysis
- 2 User-friendly & Affordable**
 - Compatible with Windows OS, the software is easy to operate on PC and beginner friendly.
 - Costs shouldn't be a barrier to quality research. High quality and performance guaranteed at an affordable price.
- 3 Simple and Reliable**
 - Maximize workflow efficiency with simple operation and reliable results.

Specification

Physical Specification

Dimension (W x D x H)	165 x 270 x 240mm
Weight	4Kg
Capacity	25 well (0.2mL white tube)
Power consumption	110-220V / 120W

Operation Specification

Heating method	Peltier
Cooling method	Peltier / Air cooling
Chamber temperature range	4°C-100°C
Temperature accuracy	± 0.2 °C
Temperature homogeneity	± 0.5 °C/well
Overshoot	<0.5 °C
Ramp rate	± 2.5 °C/sec (heating) ± 1.5 °C/sec (cooling)
Fluorescent channel	4
Compatible dyes	FAM/SYBR Green, VIC/JOE/HEX/TET, ROX/Texas red, Cy5

User Interface

