

For Any Technical Questions, Please Contact at info@nodesus.com

Product Name: nQ08T-X4 Mini Real-Time Quantitative PCR Analyzer

Product Description:

The nQ08T-X4 offers real-time fluorescent quantitative PCR testing for up to 8 samples in a highly portable form factor. It is suitable for daily low-throughput testing needs in animal and plant disease testing, food safety, and biological research laboratories. The instrument can be placed in a rapid testing box to ensure fast on-site molecular testing needs.

Features:

Rapid Heating and Cooling: it features a fast temperature cycling rate of 6°C/s, allowing for rapid heating and cooling, minimizing the time required for each PCR cycle.

Calibration Free: No need for calibration after moving the instrument and no ROX calibration is needed.

Multiplexing Capability: With support for up to 4 detection channels and multiple dye types, it allows for the simultaneous detection of multiple targets in a single reaction, making it ideal for research applications.

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Portable Design: The lightweight(only 1.4Kg) and battery-powered design makes it easy to carry and set up in any location, making it an ideal choice for on-site testing needs.

User-Friendly Interface: The 5 inches touch screen allows for independent operation, and the interface is simple and intuitive, requiring no training.

Product Specification:

Specification	Parameters
Capacity	8*0.2mL (clear PCR tube)
Sample Volume	10-100uL
Heating/Cooling Method	Peltier
Max Heating Rate	6°C/s
Temperature Range	4-100 °C
Accuracy	± 0.1°C
Uniformity	±0.15°C
Light Source	4 pcs highly efficient LED
Detector	SiPMT
Excitation/Emission Wavelength	455 -650nm/510 -750nm
Fluorescence Channel	4
Supported Dyes	FAM/SYBR Green, VIC/JOE/HEX/TET, ROX/Texas Red,Cy5/LIZ
Power	15V DC,90W or 12V Vehicle Power
Dimension(L*W*H)	180*150*90mm,1.4Kg

