

8S Portable cPCR

Hand-held DNA/RNA Analyzer for Rapid Results



Key features

- Handy and robust design
 - ➔ No internal moving parts
 - ➔ No need for calibration
- Battery-powered, stand-alone device
 - ➔ More than 4 hours of operation with a single charge
- Ultra-fast isothermal amplification
- Extremely high efficiency
 - ➔ Single-copy sensitivity
 - ➔ Performs all steps from sample preparation to result reporting
- Easy to use with built-in touch display

Specifications	8S Portable cPCR Cat. No. 103011
Sample capacity	8 samples/run
Sample volume	45 – 55 µl
Supported tubes	0.05 ml PCR capillary tubes
Reaction temperature	25 – 99 °C
Cover temperature	25 – 50 °C
Temperature accuracy	≤ 0.5 °C
Temperature uniformity	≤ ±0.5 °C
Linear dynamic range	10 ² – 10 ¹⁰ copies (linearity R ≥ 0.99)
Operating temperature	15 – 30 °C
Ambient operating humidity	≤ 85 %
Transport & storage temperature	-20 – 55 °C
Transport & storage relative humidity	≤ 85 %
Dimensions (W×D×H)	175 × 97 × 47 mm
Weight	450 g
Power supply	DC 5V/3A