

## Mini Fluorescence Quantitative PCR analyzer



### Feature

AST-FQPCR84 provides real-time fluorescence quantitative PCR detection of 8 samples in a very portable way, which is suitable for daily low-throughput detection needs such as animal and plant diseases, food safety, and biological research laboratories. The instrument can be placed in a rapid test box to ensure the needs of rapid molecular detection on site.

### Advantage

Fast heating and cooling rates and precise PCR thermal cycle reaction The instrument does not need calibration after moving. It is compact and portable, weighing only 1.4 kg, and can be easily placed in a rapid inspection box. It can be battery-powered, suitable for field animals and plants, environmental testing, and quality control on-site testing. The operation interface is simple and no training is required

### Specification

Model	AST-FQPCR84
Type	Real-Time QPCR
Sample capacity	8
Compatible consumables	0.2mL Clear tube
Maximum ramping rate	6.0° C/s
Temperature range	4 – 100 °C
Temperature accuracy	±0.15°C
Temperature uniformity	±0.2°C

Excitation light	Single LED
Detector	PMT
Detection method	Time-resolved real-time scanning
Excitation/Emission wavelengths	455-650nm/510-750nm
Fluorescence Channels (MAX)	4
Supported dyes	FAM/SYBR Green, VIC/JOE/HEX/TET, ROX/Texas Red, Cy5/LIZ (Optional- Cy5.5 or Cy3)
Data Connection	USB, bluetooth
Operation mode	5touch screen
Power	DC15V,90W or 12V vehicle power supply、Battery Packs
Size(W×D×H)(mm)	180×150×90
Shipping Size(W×D×H)(mm)	340×260×195
N.W/G.W (kg)	1.2/2.1



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