

Gentier mini--Series

Portable Real-Time PCR System



Portable, fast, and always online, Gentier mini series are designed for mobile, small laboratories, or on-site testing. With excellent performance and portability, Tianlong Gentier mini series revolutionize and solve the problem of limited space and fragmented samples in laboratories, and make your experiments easier to use, more accurate, and more efficient. They can be widely applied in animal disease and infectious disease prevention and control, food safety, scientific research, and other fields. Gentier mini series are now a good companion for animals.

FEATURES

- Portable and convenient**
Compact and lightweight, Gentier mini series help save bench space and can be moved flexibly to your mobile laboratory for on-site testing. No need for fluorescence calibration after moving.
- 1s for 16 wells fluorescence scanning**
With 2/4 fluorescence channels, Gentier mini series can complete all 16 wells fluorescence scanning within 1s, which improves efficiency for lab professionals.
- Various control modes**
Mode 1: standalone control with 7-inch touch-screen; Mode 2: computer software control; Mode 3: remote control via tablet
- Powerful software analysis**
Gentier mini series offer multiple functions including qualitative analysis, absolute quantitative analysis, relative quantitative analysis, SNP analysis, etc.
- Instant result analysis**
Mode1: direct analysis on Gentier mini series and results can be printed directly when connected to a thermal printer; Mode 2: analysis through PC software.
- Always online**
Various ways to stay online: Wifi, USB and internet interface

SPECIFICATIONS

Model	Gentier mini	Gentier mini+
Throughput	1-16	
Fluorescence Channels	2	4
Scanning Time	1s for all wells fluorescence scanning	
Dye Compatibility	Channel 1: FAM, SYBR Green I, SYTO 9, Eva Green, LC Green Channel 2: HEX, VIC, TET, JOE	Channel 1: FAM, SYBR Green I, SYTO 9, Eva Green, LC Green Channel 2: HEX, VIC, TET, JOE Channel 3: Texas Red, ROX Channel 4: Cy5
Suitable Consumables	0.2mL transparent single tubes and 0.2mL transparent 8-strip tubes	
Max Heating Rate	≥5.0°C/s	
Max Cooling Rate	≥ 4.0°C/s	
Accuracy of Thermo Control	≤0.1°C	
Lightsource	High-brightness, long-life, maintenance-free LED light source	
Special Temperature Protocol	Conventional PCR, touchdown PCR, long PCR, etc.	
Hot Lid Temperature	40°C-110°C	
Control Modes	Mode 1: 7-inch touch-screen of Gentier mini series Mode 2: computer software Mode 3: remote control via Windows tablet	
Key Applications	Qualitative analysis, absolute quantitative analysis, relative quantitative analysis, endpoint fluorescence analysis, melting curve analysis, and SNP analysis, etc.	
Result Analysis	1: Direct analysis on Gentier mini series and results can be printed directly when connected to a thermal printer; 2: Analysis through PC software.	
Experiment Files	Files can be downloaded by webpage login	
Network Connection	Internet interface, USB, WiFi	
Power Failure Protection	Automatically start running experiments after power supply	
Specifications and Weight	205mm(L)*156mm(W)*153mm(H); 3.2kg	