

Bring **Technology** to **Life!**



Gentier Mini

Portable Real-Time PCR System



Portable

Fast

Always Online

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

SPECIFICATIONS

Model	Gentier Mini
Throughput	1-16
Fluorescence Channels	2
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
Heating Rate	Average heating rate of 3.3°C/s; maximum heating rate of 5.0°C/s.
Cooling Rate	Average cooling rate of 3.0°C/s; maximum cooling rate of 4.0°C/s.
Temperature Accuracy	≤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 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 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
Suitable Consumables	0.2mL transparent single tubes and 8-strip tubes

version 2.0

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Portable and convenient

Compact and lightweight, Gentier Mini helps 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 fluorescence channels, Gentier Mini 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 offers multiple functions including qualitative analysis, absolute quantitative analysis, relative quantitative analysis, SNP analysis, etc.

Instant result analysis

Mode1: direct analysis on Gentier Mini 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

FEATURES