

# Gentier mini--Series

Portable Real-Time PCR System



Portable

Fast

Always Online

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.

## 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	
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 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	

version 3.0

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## 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



Tianlong Science and Technology

Mail: inquiry@medtl.com  
Phone: 86 029 82682132  
Website: www.tianlongglobal.com  
Address: No. 4266 Shanglin Road, Xi'an, China