

PRODUCT PARAMETERS

Sample Throughput	16	Fluorescence Channels	2
Suitable Consumables	0.2mL transparent single tubes and 8-strip tubes		
Compatible Fluorophores	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		
Lightsources	High-brightness, long-life, maintenance-free LED light source		
Detection Duration	Fluorescence channel information acquisition within 1 second for all holes.		
Temperature-Controlled Programs	Supporting conventional PCR, touchdown PCR, long-range PCR, etc.		
Hot Lid Temperature	40°C-110°C		
Software Analysis	Qualitative analysis, absolute quantitative analysis, relative quantitative analysis, endpoint fluorescence analysis, dissociation curve analysis, and SNP analysis, etc.		
Display	7-inch full-color HD LCD capacitive touch screen		
Control Methods	Mode 1: touch-screen of Gentier Mini, with at least 1000 times storage data stand-alone. Mode 2: computer software Mode 3: remote control via tablet		
Result Analysis	The results can be analyzed directly on Gentier Mini and can be printed out directly when connected to a thermal printer; the results can also be analyzed through PC software depending on your preference.		
Network Connection	Internet interface, USB, WiFi		
Power Failure Protection	Instant power failure protection, seamless automatic recovery of the experiment when restarted.		
Specifications and Weight	205mm (L) * 156mm (W) * 153mm (H); 3.2kg		



Bring *Technology to Life!*



Gentier **Mini** Portable Real-Time PCR System



Real-Time PCR at Anywhere and Any Time

SMALLER

SMARTER

Gentier Mini

Portable Real-Time PCR System

Based on TIANLONG's years of application-oriented R&D, Gentier Mini Portable Real-Time PCR System is developed and launched to meet the increasing needs for on-site and rapid testing. This product is compact and portable, easy to use, high efficiency in real-time PCR testing with accurate temperature control, allowing real-time PCR tests out of your labs for all types of fields for your applications.



THOUGHTFUL DESIGN

- Compact size, 3.2kg, hand-held, easy to carry.
- 7-inch high-definition LCD capacitive touch screen, for your smooth operating experience.
- Patented design, no need for fluorescent calibration after moving.
- Instant power failure protection, seamless automatic recovery of the operation, no fear of unexpected situations.

HIGH-EFFICIENCY TESTING

- 16-well dual-color fluorescence scanning within 1 second, to fight for your results against time.
- Independent temperature control module, supporting touchdown PCR, long-range PCR, qualitative and quantitative, melting curve, SNP site analysis, etc.
- The software analysis function is powerful, to meet the diverse testing needs of customers in various fields!

EASY TO OPERATE

- Special shortcut mode, preset programs for convenient and fast testing.
- Various ways to stay online: Internet interface, USB, WiFi.
- It can directly analyze the data in the stand-alone state, and the results are printable immediately after connecting to the printer.
- Various control modes including stand-alone, PC and tablet for the applications of multiple scenarios.

Lightweight

Portable, no need for fluorescence calibration after moving

Fast

Dual-colour fluorescence acquisition within 1 second for all the wells

Always Online

Wifi, USB and internet interface

SOLUTIONS

Designed for mobile, small laboratories or on-site testing, Gentier Mini can be widely applied in food safety, animal disease and infectious disease prevention and control, scientific research, environmental monitoring and other fields, especially animal disease detection. Continue the excellent performance of the real-time PCR systems of the TIANLONG Intelligent Manufacturing Family, Gentier Mini playing an important role in animal disease detection and solve the problems of limited space and fragmented samples.

