

Bring Technology to Life



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.

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 | |

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