



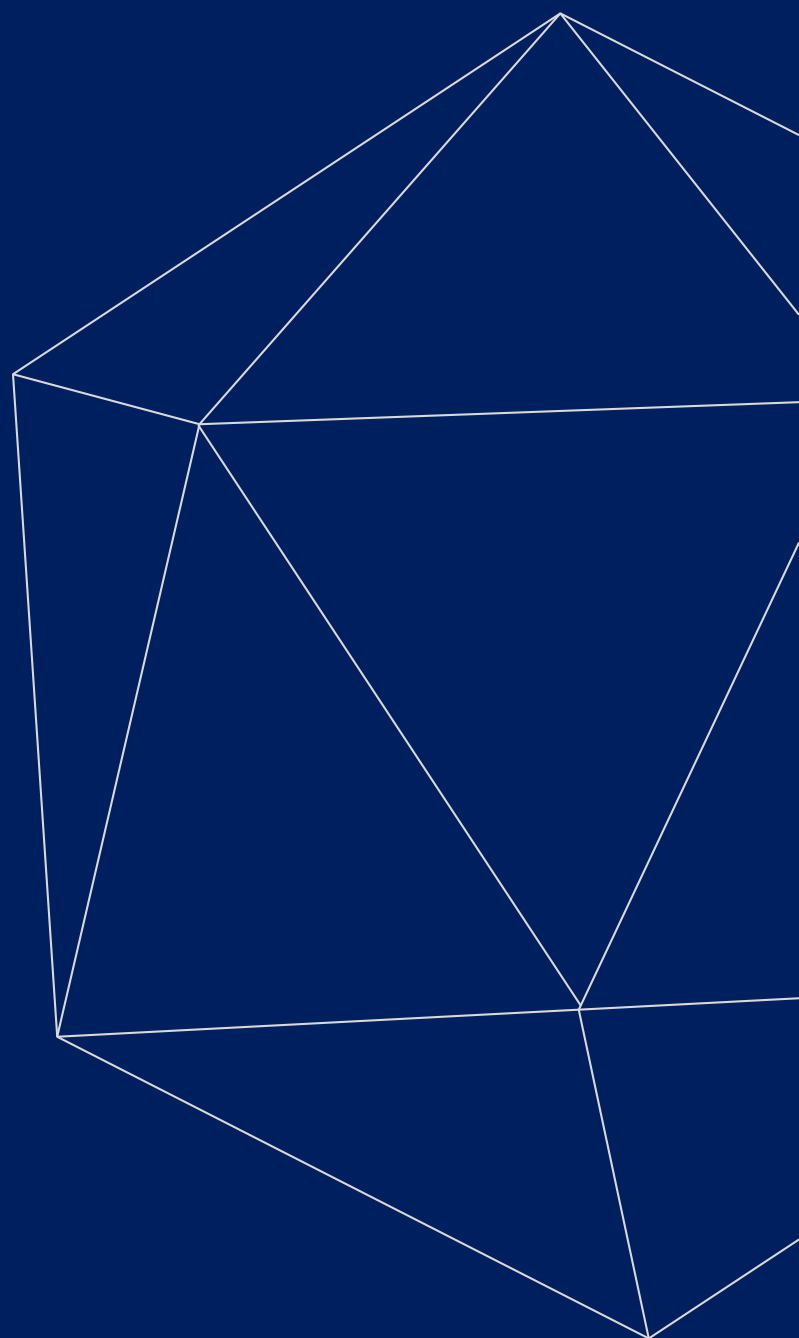
LABORATORY SECTOR

PCR THERMAL CYCLERS



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KALSTEIN® PCR Thermal Cyclers Thermal Cycler Model YR01867



Product Description:

Thermal Cyclers YR01867 is designed for mobile and small laboratories, or for on-site testing. With excellent performance and portability, Tianlong YR01867 revolutionizes and solves the problem of limited space and fragmented samples in laboratories, and makes your experiments more user-friendly, more accurate and more efficient. It can be widely applied in animal and infectious disease prevention and control, food safety, scientific research and other fields. YR01867 is now a good companion for animals.

Portable and convenient:

Compact and lightweight, YR01867 helps save bench space and can be moved flexibly to your mobile laboratory for on-site testing. No need for fluorescence calibration after moving.

Various control modes:

- Mode 1: standalone control with 7-inch touch-screen;
- Mode 2: computer software control;
- Mode 3: remote control via tablet

Instant result analysis:

- Mode 1: direct analysis on YR01867 and results can be printed directly when connected to a thermal printer;
- Mode 2: analysis through PC software.

1s for 16 wells fluorescence scanning:

With 2 fluorescence channels, YR01867 can complete all 16 wells fluorescence scanning within 1s, which improves efficiency for lab professionals.

Powerful software analysis:

YR01867 offers multiple functions including qualitative analysis, absolute quantitative analysis, relative quantitative analysis, SNP analysis, etc..

Always online:

Various ways to stay online: Wifi, USB and internet interface



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KALSTEIN® PCR Thermal Cyclers

Thermal Cycler

Model YR01867



Technical Description:

Model	YR01867
Throughput	96
Fluorescence Channels	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 3: Texas Red, ROX Channel 4: Cy5
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 YR01867 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 YR01867 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



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