# ◆ PARAMETERS ◆

Name         Real-Time Fluorescent Quantitative PCR System           Model         QuantReady K9600           Throughput         96 well (12 X 8)           Applicable consumables         PCR single tube or strip, 96well*0.2ml half skirted/ no skirted plate           Dynamic range         1-10¹°copies           Detection location         Top detection           Excitation light wavelength         400-800nm           Detection wavelength         500-800nm           Fluorescence channels         6 channels           Fluorochrome/dye         Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 4: ROW/Texas Red Channel 5: Cy5           Excitation light source         full-spectrum LED           Detector         PMT           Block temperature range         4~405°C           Block temperature accuracy         ≤±0.1°C           Block temperature precision         ≤±0.1°C           Block temperature uniformity         ≤±0.1°C           Max heating & cooling rate of block         ≥6°C/s           Gradient temperature control mode         Block mode, analog Tube mode           Sample volume range         5-100 µL           Heated lid temperature range         5-100 µL           Heated lid temperature range         5-100 µL           Touch scr			
Applicable consumables  Applicable consumables  Dynamic range  Detection location  Excitation light wavelength  Detection wavelength  Detection wavelength  Fluorochrome/dye  Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 6: Cy5.5  Excitation light source  Detector  PMT  Block temperature range  Block temperature uniformity  Max heating & cooling rate of block  Gradient temperature dontrol mode  Sample volume range  Fluorescence intensity detection repeatability  Touch screen  Scan mode  Software functions  Power-off protection function  Sample plate control mode  Sample plate control mode  Sample plate control mode  James Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  Joe well (12 X 8)  PCR single tube or strip, 96well*0.2ml half skirted/ no skirted plate to strip, 96well*0.2ml half skirted/ no skirted plate in plate strip, 96well*0.2ml half skirted/ no skirted plate in plate strip, 96well*0.2ml half skirted/ no skirted plate in plate strip, 96well*0.2ml half skirted/ no skirted plate in plate strip, 96well*0.2ml half skirted/ no skirted plate in pla	Name	Real-Time Fluorescent Quantitative PCR System	
Applicable consumables  Dynamic range  Detection location  Excitation light wavelength  Detection wavelength  Detection wavelength  Detection wavelength  Detection wavelength  Excitation light wavelength  Detection wavelength  Fluorescence channels  Fluorochrome/dye  Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 4: ROX/Texas Red Channel 5: Cy5  Excitation light source  Detector  Detector  PMT  Block temperature range  4 ~105°C  Block temperature precision  Block temperature precision  Block temperature uniformity  Max heating & cooling rate of block  Gradient temperature difference  Block temperature ontrol mode  Sample volume range  Heated lid temperature range  Fluorescence intensity  detection repeatability  Touch screen  Yes, 10.1-inch touch screen  Scan mode  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Power-off protection function  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  Pitrorescence intensity  Dimension  PCR single tube or strip, popes.  Channel 4: A00-800mm  Channel 3: NED/TAMRA/Cy3  Channel 4: ROX/Texas Red  Channel 4: ROX/Texas Red  Channel 6: Cy5.5  Channel 4: ROX/Texas Red  Channel 6: Cy5.5  Excitation light wavelength  Channel 2: JOE/HEX/TET/VIC  Channel 4: ROX/Texas Red  Channel 6: Cy5.5  Excitation light wavelength  Channel 2: JOE/HEX/TET/VIC  Channel 4: ROX/Texas Red  Channel 6: Cy5.5  Excitation light wavelength  Channel 2: JOE/HEX/TET/VIC  Channel 4: ROX/Texas Red  Channel 5: Cy5.5  Excitation light wavelength  Lanuel 1: FAM/SYBR Green I  Channel 2: JOE/HEX/TET/VIC  Channel 4: ROX/Texas Red  Channel 2: JOE/HEX/TET/VIC  Channel 2: JOE/HEX/TET/VIC	Model	QuantReady K9600	
Dynamic range  Detection location  Excitation light wavelength  Detection wavelength  Detection wavelength  500-800nm  Fluorescence channels  Filuorochrome/dye  Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 4: ROX/Texas Red Channel 5: Cy5  Excitation light source  Detector  PMT  Block temperature range  Block temperature accuracy  Block temperature precision  S±0.1°C  Block temperature uniformity  Max heating & cooling rate of block  Gradient temperature difference  Block temperature difference  Block temperature ontrol mode  Sample volume range  Heated lid temperature range  Fluorescence intensity detection repeatability  Touch screen  Scan mode  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Ports  USB Type-A port × 2, USB Type-B port, RJ45 port  YES, data can be restored after power-on  Sample plate control mode  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Throughput	96 well (12 X 8)	
Detection location         Top detection           Excitation light wavelength         400-800nm           Detection wavelength         500-800nm           Fluorescence channels         6 channels           Fluorochrome/dye         Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 5: Cy5         Channel 4: ROX/Texas Red Channel 6: Cy5.5           Excitation light source         full-spectrum LED           Detector         PMT           Block temperature range         4~105°C           Block temperature accuracy         ≤±0.1°C           Block temperature uniformity         ≤±0.1°C           Max heating & cooling rate of block         ≥6°C/s           Gradient temperature difference         1-40°C           Block temperature control mode         Block mode, analog Tube mode           Sample volume range         5-100 μL           Heated lid temperature range         5-100 μL           Heated lid temperature range         5'100 μL           Fluorescence intensity detection repeatability         CV≤3%           Touch soreen         Yes, 10.1-inch touch screen           Scan mode         Full plate scan or specified line scan           Software functions         Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc. <t< td=""><th>Applicable consumables</th><td colspan="2">PCR single tube or strip, 96well*0.2ml half skirted/ no skirted plate</td></t<>	Applicable consumables	PCR single tube or strip, 96well*0.2ml half skirted/ no skirted plate	
Excitation light wavelength Detection wavelength Fluorescence channels Fluorescence channels Fluorescence channels Fluorescence channels Fluorescence channels Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TETI/IC Channel 3: NED/TAMRA/Cy3 Channel 5: Cy5 Channel 5: Cy5 Channel 5: Cy5 Channel 6: Cy5.5  Excitation light source Detector PMT Block temperature range 4~105°C Block temperature accuracy \$\pmunumerscript{1}\text{C}\$ Block temperature uniformity \$\pmunumerscript{1}\text{C}\$ Block temperature uniformity \$\pmunumerscript{1}\text{C}\$ Gradient temperature difference Block temperature control mode Block mode, analog Tube mode Sample volume range 5-100 \( \mu\)L Heated lid temperature range Fluorescence intensity detection repeatability CV<3% CV<3% CV<3% Channel 2: JOE/HEX/TETI/IC Channel 4: ROX/Texas Red Channel 6: Cy5.5  Excitation 19: A-105°C  Shock temperature accuracy \$\pmunumerscript{1}\text{C}\$	Dynamic range	1-10 <sup>10</sup> copies	
Detection wavelength Fluorescence channels  Fluorochrome/dye  Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 4: ROX/Texas Red Channel 6: Cy5.5  Excitation light source  Full-spectrum LED  Detector  PMT  Block temperature range  Block temperature accuracy  \$\pmu.1^\circ\$  Block temperature precision  \$\pmu.1^\circ\$  Block temperature uniformity  \$\pmu.1^\circ\$  Block temperature difference  1-40°C  Block temperature difference  Block mode, analog Tube mode  Sample volume range  5-100 \( \mu\)  Heated lid temperature range  5-100 \( \mu\)  Heated lid temperature and  30°C-110°C (default 105°C)  Fluorescence intensity detection repeatability  Touch screen  Scan mode  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  PC software, dual operation modes  Ports  Power-off protection function  YES, data can be restored after power-on  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Detection location	Top detection	
Fluorescence channels  Fluorochrome/dye  Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 4: ROX/Texas Red Channel 5: Cy5  Excitation light source  Detector  PMT  Block temperature range  4~105°C  Block temperature accuracy  \$\pmu.1°C  Block temperature uniformity  \$\pmu.1°C  Block temperature difference  1-40°C  Block temperature control mode  Sample volume range  5-100 \( \mu\)  Heated lid temperature range  5-100 \( \mu\)  Fluorescence intensity detection repeatability  Touch screen  Scan mode  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  PC software, dual operation modes  Ports  Power-off protection function  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Excitation light wavelength	400-800nm	
Fluorochrome/dye       Channel 1: FAM/SYBR Green I Channel 2: JOE/HEX/TET/VIC Channel 3: NED/TAMRA/Cy3 Channel 4: ROX/Texas Red Channel 6: Cy5.5         Excitation light source       full-spectrum LED         Detector       PMT         Block temperature range       4~105°C         Block temperature accuracy       ≤±0.1°C         Block temperature uniformity       ≤±0.1°C         Max heating & cooling rate of block       ≥6°C/s         Gradient temperature difference       1-40°C         Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       5-100 μL         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimensio	Detection wavelength	500-800nm	
Channel 3: NED/TAMRA/Cy3 Channel 4: ROX/Texas Red Channel 5: Cy5  Excitation light source  full-spectrum LED  PMT  Block temperature range  Block temperature accuracy  Block temperature precision  Block temperature uniformity  \$\frac{\pmathcal{2}}{\pmathcal{1}}\text{10}^\colone{\pmathcal{2}}{\pmathcal{2}{\pmathcal{2}}{\pma	Fluorescence channels	6 channels	
Detector         PMT           Block temperature range         4~105°C           Block temperature accuracy         ≤±0.1°C           Block temperature precision         ≤±0.1°C           Block temperature uniformity         ≤±0.1°C           Max heating & cooling rate of block         ≥6°C/s           Gradient temperature difference         1-40°C           Block temperature control mode         Block mode, analog Tube mode           Sample volume range         5-100 μL           Heated lid temperature range         5-100 μL           Heated lid temperature range         30°C-110°C (default 105°C)           Fluorescence intensity detection repeatability         CV≤3%           Touch screen         Yes, 10.1-inch touch screen           Scan mode         Full plate scan or specified line scan           Software functions         Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.           Operation system         PC software, dual operation modes           Ports         USB Type-A port × 2, USB Type-B port, RJ45 port           Power-off protection function         YES, data can be restored after power-on           Sample plate control mode         Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.           Dimension         32	Fluorochrome/dye	Channel 3: NED/TAMRA/Cy3	Channel 4: ROX/Texas Red
Block temperature range  Block temperature accuracy  \$±0.1°C  \$±0.1°C  \$Block temperature precision  \$±0.1°C  \$Block temperature uniformity  \$±0.1°C  Block temperature uniformity  \$±0.1°C  Max heating & cooling rate of block  \$6°C/s  Gradient temperature difference  1-40°C  Block temperature control mode  Block mode, analog Tube mode  Sample volume range  5-100 µL  Heated lid temperature range  7-110°C (default 105°C)  Fluorescence intensity detection repeatability  CV≤3%  Touch screen  Scan mode  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  PC software, dual operation modes  Ports  Power-off protection function  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Excitation light source	full-spectrum LED	
Block temperature accuracy       ≤±0.1°C         Block temperature uniformity       ≤±0.1°C         Max heating & cooling rate of block       ≥6°C/s         Gradient temperature difference       1-40°C         Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Detector	PMT	
Block temperature precision       ≤±0.1°C         Block temperature uniformity       ≤±0.1°C         Max heating & cooling rate of block       ≥6°C/s         Gradient temperature difference       1-40°C         Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Block temperature range	4~105°C	
Block temperature uniformity  Max heating & cooling rate of block  Sample volume range  Heated lid temperature range  Fluorescence intensity detection repeatability  Touch screen  Scan mode  Software functions  Ports  Power-off protection function  Sample volume range  S±0.1°C  Block temperature control mode  Block mode, analog Tube mode  Block mode, analog Tube mode  S-100 μL  CV≤3%  CV≤3%  CV≤3%  Yes, 10.1-inch touch screen  Scan mode  Full plate scan or specified line scan  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  PC software, dual operation modes  Ports  USB Type-A port × 2, USB Type-B port, RJ45 port  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Block temperature accuracy	≤±0.1°C	
Max heating & cooling rate of block       ≥6°C/s         Gradient temperature difference       1-40°C         Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Block temperature precision	≤±0.1°C	
Gradient temperature difference       1-40°C         Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Block temperature uniformity	≤±0.1°C	
Block temperature control mode       Block mode, analog Tube mode         Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Max heating & cooling rate of block	≥6°C/s	
Sample volume range       5-100 μL         Heated lid temperature range       30°C-110°C (default 105°C)         Fluorescence intensity detection repeatability       CV≤3%         Touch screen       Yes, 10.1-inch touch screen         Scan mode       Full plate scan or specified line scan         Software functions       Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.         Operation system       PC software, dual operation modes         Ports       USB Type-A port × 2, USB Type-B port, RJ45 port         Power-off protection function       YES, data can be restored after power-on         Sample plate control mode       Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.         Dimension       320(W)mm×525(L)mm×420(H)mm	Gradient temperature difference	1-40°C	
Heated lid temperature range  30°C-110°C (default 105°C)  Fluorescence intensity detection repeatability  CV≤3%  Touch screen  Scan mode  Scan mode  Full plate scan or specified line scan  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  Ports  Power-off protection function  Sample plate control mode  Dimension  30°C-110°C (default 105°C)  CV≤3%  CV≤3%  Yes, 10.1-inch touch screen  Full plate scan or specified line scan  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  PC software, dual operation modes  USB Type-A port × 2, USB Type-B port, RJ45 port  YES, data can be restored after power-on  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Block temperature control mode	Block mode, analog Tube mode	
Fluorescence intensity detection repeatability  Touch screen  Scan mode  Full plate scan or specified line scan  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  PC software, dual operation modes  Ports  USB Type-A port × 2, USB Type-B port, RJ45 port  Power-off protection function  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Sample volume range	5-100 μL	
Touch screen  Yes, 10.1-inch touch screen  Scan mode  Full plate scan or specified line scan  Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  Ports  Power-off protection function  Sample plate control mode  Dimension  Yes, 10.1-inch touch screen  Full plate scan or specified line scan  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  PC software, dual operation modes  USB Type-A port × 2, USB Type-B port, RJ45 port  YES, data can be restored after power-on  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Heated lid temperature range	30°C-110°C (default 105°C)	
Scan modeFull plate scan or specified line scanSoftware functionsAbsolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.Operation systemPC software, dual operation modesPortsUSB Type-A port × 2, USB Type-B port, RJ45 portPower-off protection functionYES, data can be restored after power-onSample plate control modeAutomatic in/out, dual software detection, preset interface, automatic workstation can be connected.Dimension320(W)mm×525(L)mm×420(H)mm		CV≤3%	
Software functions  Absolute quantification, Relative quantification, Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  PC software, dual operation modes  USB Type-A port × 2, USB Type-B port, RJ45 port  Power-off protection function  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Touch screen	Yes, 10.1-inch touch screen	
Melting curve, SNP genotyping, HRM, Quick run, etc.  Operation system  PC software, dual operation modes  USB Type-A port × 2, USB Type-B port, RJ45 port  Power-off protection function  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Scan mode	Full plate scan or specified line scan	
Ports  USB Type-A port × 2, USB Type-B port, RJ45 port  YES, data can be restored after power-on  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Software functions		
Power-off protection function  Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  YES, data can be restored after power-on  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  320(W)mm×525(L)mm×420(H)mm	Operation system	PC software, dual operation modes	
Sample plate control mode  Automatic in/out, dual software detection, preset interface, automatic workstation can be connected.  Dimension  320(W)mm×525(L)mm×420(H)mm	Ports	USB Type-A port × 2, USB Type-B port, RJ45 port	
automatic workstation can be connected.  Dimension 320(W)mm×525(L)mm×420(H)mm	Power-off protection function	YES, data can be restored after power-on	
	Sample plate control mode		
Net weight 27 Kg	Dimension	320(W)mm×525(L)mm×420(H)mm	
	Net weight	27 Kg	



# Hangzhou Lifereal Biotechnology Co., Ltd

ADDRESS: The 3rd, 4th, 5th, 8th Floor of Building No. 3 and the 4th Floor of Building No. 9, Hexiang Science and Technology Center, Qiantang New District, Hangzhou City, Zhejiang Province, China EMAIL:overseas1@lifereal.com.cn, overseas2@lifereal.com.cn, overseas6@lifereal.com.cn, overseas7@lifereal.com.cn, overseas8@lifereal.com.cn, overseas10@lifereal.com.cn Tel: +86-571-87118973 or 86086991 ext.701/702/703/705 WEB:http://en.lifereal.com.cn/



WEBSITE



# QuantReady K9600

**Real-Time Fluorescent Quantitative PCR System** 

96-well high-throughput

Highly sensitive PMT detection

Up to 6 channels

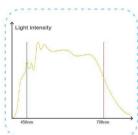
Maximum 40°C gradient temperature



## INTRODUCTION

QuantReady is a 96well touchscreen quantitative fluorescence Real-time PCR System, which has two temperature control mode of Block or analog Tube, dual operating system, equipped with a 10.1-inch high-definition color touch screen, with the built-in analysis software to achieve easy use. Combining the innovative thermal cycling system, accurate photoelectric detection system, powerful software etc., it escorts the accuracy of experimental results.

# ◆ FEATURES ◆



#### \* High-sensitivity

The full-spectrum high-power LED with high sensitive Hamamatsu photomultiplier tube top scanning, to achieve higher sensitivity and accuracy of the machine.



#### \* High-precision

High-precision temperature control guarantees the block temperature resolution at 0.1 °C and temperature uniformity of 0.1 °C. Gradient temperature control range is 30-100 °C and the maximum temperature difference is 40 °C.



#### \* Automation

Sample plate automatic out, 96-well high-throughput, can be connected to an automated workstation.



#### \* International design

Designed by a German professional team, the design conforms to ergonomic characteristics, meets the user's operation requirements, and has a sense of technology as a whole.

# ◆ STATUS DISPLAY ◆





# ◆ SOFTWARE DISPLAY ◆

### Built-in software



## PC software





10.1-inch large touch screen, precise response, convenient operation.



6 fluorescence channels to meet a variety of experimental schemes.



Preset templates + "Quick Run", start experiment immediately.



Connected with automatic workstation to realize unmanned detection.



Flexible program settings to meet the individual needs of users.



Diversified online mode, suitable for different application scenarios.



Dual operating system to improve user's experience.

# Printing report

