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Huwei RT 9600

Real-time Fluorescence
PCR Instrument



ACCURATE DETECTION CREATE HEALTHY FUTURE



Huwei RT 9600

- Huwei RT9600 fluorescence Real time PCR is a **powerful, precise, and multi-channel real-time PCR detection system.**
- This ninety-six channel real-time PCR instrument combines advanced optical technology with precise temperature control to deliver sensitive, reliable detection for qualitative and quantitative detection or melting curve detection of nucleic acid samples (DNA/RNA) and other analytes, including pathogens and human genes.
- Quickly set up runs and monitor amplification traces in real time on the integrated LCD touch screen, or use the programmed Software to easily and intuitively design your experiment and analyze results from a connected computer. With up to 96-target detection.

Application Areas



Animal and plant pathogen detection



Food hygiene and quarantine



Public safety and health epidemic monitoring



Basic Performance

Characteristic	Description
Dimension	386*522*296mm (W*D*H)
Weight	25 Kg
Power supply	220V~(±10%), 50Hz (±1Hz)
Power	< 850W
Noise level	< 55 dB (A)
Sample capacity	96 wells*0.2ml
Sample volume	10-100
Temperature control range	35 ~ 99 °C
Temperature control Precision	±0.20 °C
Temperature accuracy	±0.50 °C
Maximum heating/cooling rate	4 °C/sec
Heating/cooling method	Semiconductor method
Advanced Programming Mode	Yes

Overview of operating platform functions

- In the lab mode set in the software, double-click the YZ9600 real-time fluorescence PCR instrument icon and wait to enter the **Huwei** 9600 user interface. The device connection interface will pop up first. After connecting the device, the user interface is divided into function boxes such as new experiment, quick experiment and experimental history data.
- The new experiment box in the operation platform contains the creation of four experimental methods, namely: absolute quantification, melting curve (absolute quantification), $\Delta\Delta C_t$ method (relative quantification), and double standard curve method (relative quantification).

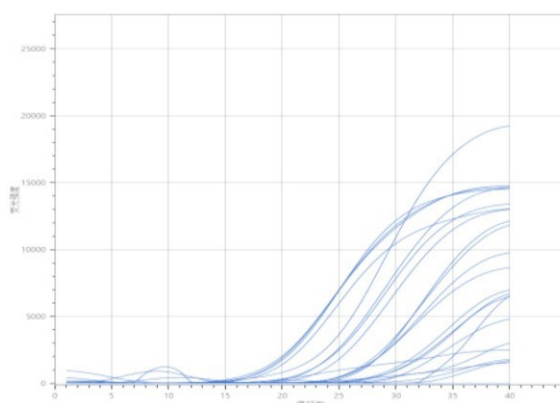


Detection channel configuration

Channel number	1	2	3	4	5	6
Excitation filter	470nm	525nm	570nm	630nm	Manufacturer Reserved	Manufacturer Reserved
Emission filter	520nm	565nm	615nm	665nm		
Maximum configuration	✓	✓	✓	✓	✓	✓
Machine configuration	✓	✓	✓	✓	✗	✗
Applicable dyes	FAM SYBR-Green	HEX JOE VIC TET	ROX Texas-Red	CY5	✗	✗

Advantages

- Set up your system quickly, easy installation and factory-calibrated optics.
- Two operation modes, four experimental methods to meet the customers' special requirements.
- The instrument has a large capacity and can detect a large number of samples simultaneously.
- Wide temperature control range and high temperature control precision.
- Accurate analysis results and can be exported.
- Results are recorded in categories and an easy access.



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