



QTC965

Real Time PCR

Details Info

QTC965 Real-time PCR detecting system parameters

Features:

Detection channel 5 channels(the 5th obligating)

Sample capacity 96well×0.2ml

Light Ultra-high brightness monochrome LED

Detector high sensitive cold light CCD

Dynamics range 100-1010

Minimum detecting template single copy sequence

Sample volume range 15ul-100ul

Fluorescence excitation wavelength F1: 470nm

F2: 525nm

F3: 585 nm

F4: 625nm

Fluorescence detecting wavelength F1: 520 nm

F2: 570 nm

F3: 620 nm

F4: 675 nm

Detecting fluorescence and dye F1: FAM、SYBR

F2: VIC、HEX、JOE、TET、TAMRA

F3: ROX、TEXRAD

F4: CY5

Temperature control mode semiconductor thermoelectric module

Temperature accuracy $\pm 0.1^{\circ}\text{C}$

Temperature uniformity 95°C constants 10s: $\pm 0.4^{\circ}\text{C}$

55°C constants 10s: $\pm 0.2^{\circ}\text{C}$

Temperature range 0°C - 100°C

Max heating/cooling rate $\geq 5^{\circ}\text{C}$

Gradient temperature range 30°C - 100°C

PC operating system WindowsXP/VISTA/Windows7 etc.

QTC965 operating system linux

CPU A8 CPU

Internet connection LAN WIFI

One computer control several devices approval



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