QUANTITAVE REAL TIME PCR 16 WELL

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DS-QP-16C2
DS-QP16C4

Product Overview

Can detect 16 samples at time same time and the standard configuration FSM /SYBR VIC two color fluorescence channels Lightweight & compact and support standalone operations adopts innovative liquid cycle refrigeration technology combined with Peltier temperature control technology to achieve rapid heating and cooling it offers CT value analysis absolute quantitave analysis supports isothermal amplification and end point analysis

Product Features

Stand-alone use, compact design, easy to carry Humanized software design, simple operation
Sensitive and efficient light signal detection system, with no crosstalk in multi-channel fluorescence and good sample detection stability
Two-channel or four-channel fluorescence detection systems optional, can achieve multiple fluorescence quantitative detection
Advanced semiconductor heating technology, fast heating and cooling, short detection time
32G data memory, excel format or pictures can be kept through U disk, easy management

Model	DS-QP-16C2	DS-QP16C4
Sample capacity	16x0.2ml PCR tube/2x0.2ml 8-strip tube	
Reaction volume	10~50µl	
Display	7-inch color touch screen	
Thermal cycling	Peltier	
Max temp change rate	6°C/s	
Block Temp control range	10~100°C	
Hot lid temp control range	30~105°C	
Temp accuracy	±0.2°C	
Temp uniformity	±0.3°C@95°C	
Excitation light source	LED	
Detection module	MPPC	
Detection mode	Linear individually scan	
Fluorescence channel	FAM/SYBR, VIC/HEX/TET, ROX, CY5/TAMRA	
Sensitivity	Single copy gene	
Dynamic range	10 orders of magnitude copies	
Analysis mode	CT value / absolute quantitative analysis	
Dimension	225xW270xH132mm	
Weight	4kg	
Weight Power supply	100~240V; 50/60Hz	