



QUANTITATIVE 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 quantitive 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 | |