

Real-Time PCR-BioQuant-96

DESCRIZIONE

BioQuant-96 is the newest product of Biosan Molecular diagnostic product family.

It has adopted mature thermoelectric refrigeration technology, brand-new light source and light path design. The unique constant current power and 6-zone independent temperature control method ensure more rapid, correct and stable fluorescence quantitative analysis of the product, while maintaining its excellent performance in low energy consumption.

The product is modularized with various configurations to choose from. Meanwhile, it has been added with functions including independent temperature control, low temperature storage of sample at 4°C, and automatic dehumidification.

BioQuant-96 is comprehensively realizing automatic gain setting and improving user experience. Thus, it will fully meet the demand of scientific research and clinical diagnosis.

NUMERO DI CATEGORIA

BS-050110

BioQuant-96

SPECIFICHE

Capacità del campione	96×0.2 ml0.2ml single tube (transparent cap), 96×0.2(0.1)ml Plate (transparent cap), 8-strip tubes (transparent cap)
Dynamic range	1~10 ¹⁰ copies
Excitation wavelength	300-800 nm
Emission wavelength	500-800 nm
Canali	5
Range di impostazione temperatura	4 ~105°C (increment: 0.1°C)
Heating/cooling rate	6.0 °C/s / 5.5 °C/s
Accuratezza temperatura	≤±0.1°C
Temperature fluctuation	≤±0.3°C
Uniformità temperatura	≤±0.3°C
Temperature control mode	BLOCK/Tube simulation mode (automatic control based on sample volume)
Volume del campione	5 ~ 100 µl
Gradient temperature range	1 ~ 36°C
Hot-lid temperature range	30 ~110°C (adjustable default: 105°C, Automatic Hot-lid)
Repeatability	5%
Scan mode	Entire plate or designated line
Program	Max. 20 segments for each program, max. 99 cycles
Funzionamento continuo	+
Scan period	5.5 s
Software	BioQuant-96 Software
Operating system	Windows 7/8/10
Software required	Microsoft Excel
Requisiti minimi per PC	Memory: 512MB, Hard Disk:10GB, CPU: Pentium® 4, Virtual Memory: ≥1000MB
Tensione nominale di funzionamento	100-240V; ~50/60Hz
Consumo energetico	600W
Dimensioni (L×P×H)	490×290×391 mm
Numero di alloggiamenti	USB adapter, Bluetooth adapter
Certificazione	CE / RoHS
Tablet	Built-in Touchscreen