

BioQuant-96, real-time PCR detection system

DESCRIPCIÓN

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.



NÚMERO DE CATEGORÍA

BS-050110

230VAC 50/60Hz Euro plug

ESPECIFICACIONES

Capacidad de la muestra	0.2ml 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
Canales	5
Intervalo de ajuste de temperatura	4 ~105°C (increment: 0.1°C)
Heating/cooling rate	6.0 °C/s / 5.5 °C/s
Precisión de temperatura	±0.1°C
Temperature fluctuation	±0.3°C
Uniformidad de temperatura	±0.3°C
Temperature control mode	BLOCK/Tube simulation mode (automatic control based on sample volume)
Volumen de muestra	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
Funcionamiento continuo	+
Scan period	5.5 s
Software	-----
Operating system	Windows 7/8/10
Software required	Microsoft Excel
Requisitos mínimos de PC	Memory: 512MB, Hard Disk:10GB, CPU: Pentium® 4, Virtual Memory: ≥1000MB
Tensión nominal	100-240V; ~50/60Hz
Consumo eléctrico	600W
Dimensiones (An. x Prof. x Al.)	490×290×391 mm
Número de tomas	USB adapter, Bluetooth adapter
Certificación	CE-IVD
Interface	Built-in Touchscreen