

HG-P320

Real-time PCR system

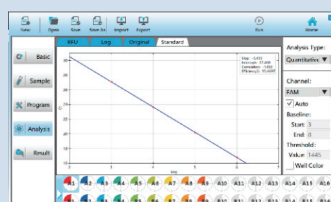
HG-P320 Real-time PCR system is a portable fluorescence quantitative PCR instrument. This product adopts four channels and double 16-well blocks, which can run two different files simultaneously. The product combines a variety of advanced technologies: 7-inch high-definition TFT color touch screen, the win10 operating system with analysis software, complete quantitative analysis, and printing report without a computer. It adopts American Marlow custom-made Peltier, high-sensitivity photoelectric detector, and side scan technology, to ensure superior performance and stable detection results.

Feature

- Small size, light-weight, and easy to carry.
- 20G flash memory can save 40,000 experimental data.
- 7-inch high-definition TFT color touch screen, and embedded win10 operating system.
- Four channels and double 16-well blocks design can run two different programs at the same time.
- Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, Genotyping, Relative quantification, etc.



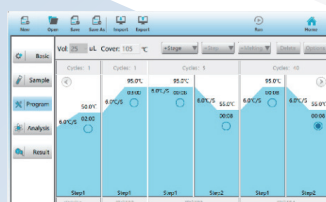
Sample Capacity	32×0.2ml(2×16 well, double block)
Consumable	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100μl
Temperature control technology	Marlow customized Peltier allow 1.000.000 cycles
Temperature Range	4-100°C(Resolution:0.1°C)
Temperature fluctuation	±0.1°C
Uniformity	±0.25°C
Accuracy	±0.25°C
Excitation wavelength	460nm-628nm
Emission wavelength	520nm-730nm
Measurement Channel Number	4 channels
Sensitivity	1 copy
Net Weight	6.5Kg
Dimensions	300*267*198mm
Voltage	220VAC 50Hz



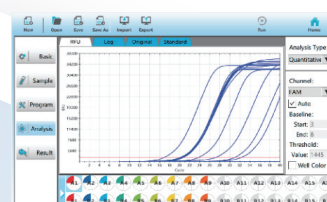
Standard curve



Sample setting



Program setting



Amplification Curve