

Advanced Thermal Cyclers

ITCP-6000



Advanced Thermal Cyclers ITCP-6000 has been used in rapid outdoor detection, all kinds of isothermal amplification of DNA/RNA. Mainly used in Gene amplification with the highest flexibility. Designed with 8×0.2 ml (20 to 100 µl) capacity along with 523 nm (FAM) 584 nm(VIC/HEX) detection wavelength and 470 nm (FAM) 525 nm(VIC/HEX) excitation wavelength. Rapidly set up runs and monitor amplification. Deliver the most sensitive, reliable detection for nucleic acid application.

Technical Specification:

Product Type	ITCP-6000
Temperature Range (°C)	RT +5°C to 100°C
Fluorescence (Excitation range)	470 nm (FAM) 525 nm(VIC/HEX)
Fluorescence (Detection range)	523 nm (FAM) 584 nm(VIC/HEX)
Temperature Uniformity	≤±0.1°C
Temp Accuracy	≤±0.5°C
Sample Capacity (0.2ml)	8×0.2 ml (20 to 100 µl)
Maximum number of programs stored	10000 + (USB Flash)
Dimensions L x W x H (mm)	300×260×170 mm
Net Weight (kg)	Light and Portable
Electrical Requirements	12 V DC
Catalogue No.	6204505-00

Technical Data:

Model	ITCP-6000
Capacity	8×0.2 ml (20 to 100 µl)
Display	7 inch TFT with resistive touch screen
Temperature Range	RT +5°C to 100°C
Detection Wavelength	523 nm (FAM) 584 nm(VIC/HEX)
Excitation Wavelength	470 nm (FAM) 525 nm(VIC/HEX)
Temperature Uniformity	±0.1°C
Temperature Accuracy	±0.5°C
Memory	10000 + (USB Flash)
Detection Speed	≤ 3S
Fluorescent intensity	≥ 3%
Communication	USB2.0, RS232
Dimension	300×260×170 mm
Weight	Light and Portable
Electrical Requirement	12 V DC
Catalogue No.	6204505-00



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