

Gradient Thermal Cyclers

ITCG-2000



Gradient Thermal Cyclers ITCG-2000 has been used in Clinical detection in hospital, professional, expert. Accommodates 2 different wells including 96×0.2 ml, adaptive to 8-well strip PCR tubes and 96-well plates and this block is completely independently of each other and without interference. Fabricated for easy-to-use, compressed, and accurate thermal cyclers to fit every necessary PCR workflow.

Technical Specification:

Model	ITCG-2000
Temperature Range (°C)	4 to 100°C
Plate type	adaptive to 8-well strip PCR tubes and 96-well plates
Temperature Uniformity	± 0.2°C
Temp Accuracy	± 0.1°C
Sample Capacity (0.2ml)	96×0.2 ml
Maximum number of programs stored	10000+(USB Flash)
Adjustable Heated Lid Temperature	30 to 110°C
Gradient Range	1 to 30°C
Dimensions L x W x H (mm)	380×240×260 mm
Net Weight (kg)	8.5 kg
Electrical Requirements	AC100 to 264 V/50Hz, 66 Hz
Catalogue No.	620200503

Technical Data:

Model	ITCG-2000
Capacity	96×0.2 ml, adaptive to 8-well strip PCR tubes and 96-well plates
Display	8 inch TFT
Temperature Range	4 to 100°C
Program Memory	10000+(USB Flash)
Temperature Control Pattern	Semiconductor TE
HOT lid	Electronic
Number of Cycle	100
Number of Step	30
Temperature Control	4
Temperature Adjustable Rate	0.1 to 5°C
Temperature Uniformity	± 0.2°C
Temperature Accuracy	± 0.1°C
Temperature Gradient Range	1 to 30°C
Hot Lid Temperature	30 to 110°C
Heating Rate	75°C
Cooling Rate	74°C
Operating System	WinCE
Connectivity	USB 2.0
Dimensions	380×240×260 mm
Weight	8.5 kg
Electrical Requirements	AC100 to 264 V/50Hz, 66 Hz
Catalogue No.	620200503



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