qGene Thermal Cyclers
ITCL-2040



qGene Thermal Cyclers ITCL-2040 has been used in PCR applications in research and development, food science, pharmaceuticals, life science, animal diagnostics, and analytical laboratories.

Iris qGene Thermal Cyclers ITCL-2040 has features with Marlow Peltier heating units with a touch LCD display and 0.2 ml single tube along with holding capacity up to 16×0.2 ml(4×4 layout) and maximum ramping rate 5℃/s and power consumption 120 W. Support USB device with enormous storage capacity. Fabricated with anodizing technology that has prompt heating conducting and adequate corrosion resistance property and the scalable hot lid fits tubes of different altitudes.

Technical Specification:

Model	ITCL-2040
Temperature Range (℃)	4 to 100℃
Ramp Rate	0.1 to 5℃
Selectable Heated Lid Temperature	30 to 110℃
Temperature Uniformity	≤±0.2℃
Temp Accuracy	≤±0.2℃
Precision	0.1℃
Sample Capacity (0.2ml)	16×0.2 ml(4×4 layout)
Maximum number of programs stored	10000 +(USB FLASH)
Power (W)	120 W
Dimensions L x W x H (mm)	267×190×115 mm
Net Weight (kg)	3 kg
Electrical Requirements	AC 85 to 264 V/47, 63 Hz
Catalogue No.	620100503

Technical Data:

Model	ITCL-2040	ITCL-2080
Capacity	16×0.2 ml(4×4 layout)	32×0.2 ml(4×8 layout)
Tube	0.2 ml single tube	0.2 ml single tube, 8 strip
Display	LCD 5 inch?800×480 pixels, 65K colour	
Temperature Range	4 to 100?	
Number of Program	10000 +(USB FLASH)	
Uniformity	?±0.2?	
Accuracy	?±0.2?	
Resolution	0.1?	
Number of Cycle	100	
Number of Step	30	
Holding Temperature	4?	
Temperature Control	Block/Tube	
Heating Rate	5?/s	
Cooling Rate	4?/s	
Ramping Rate Adjustable	0.1 to 5?	
Gradient Temp. Range	-	30 to 100?
Gradient Spread	-	1 to 30?
Hot Lid Temperature	30 to 110?	
Connectivity	USB2.0 , WIFI	
Increase/Decrease in Temperature	0.1 to 10.0?	
Increase/Decrease in Time	1 Sec to 600 Sec	
Power consumption	120 W	200 W
Dimension	267×190×115 mm	
Weight	3 kg	3.2 kg
Electrical Requirements	AC 85 to 264 V/47, 63 Hz	
Catalogue No.	620100503	620101003



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States