

5. Specifications

	Heat Cool Thermal Mixer II	Heat ONLY Thermal Mixer II
Model #:	270800	270900
Capacity	0.5ml tubes to 50ml tubes	0.5ml tubes to 50ml tubes
	(block dependent)	(block dependent)
Block Included with Unit	0.5ml x 24 tubes	0.5ml x 24 tubes
Dimensions W x D x H (in)	9 x 13 x 5.3	9 x 13 x 5.3
Dimensions W x D x H (cm)	23 x 33 x 13.5	23 x 33 x 13.5
Speed Range (rpm)	0, 250 to 3000	0, 250 to 3000
Speed Setting Increments (rpm)	50	50
Timer	0 – 99 Hours 59 Min 59 seconds / ∞	0 – 99 Hours 59 Min 59 seconds / ∞
Operation Temperature Range	10°C to 30°C	10°C to 30°C
Temperature Range	15°C below ambient to 100°C	Ambient plus 5°C to 100°C
Heat Up Rate (Selectable)	5°C/Min, 2°C/Min, 1°C/Min	5°C/Min, 2°C/Min, 1°C/Min
Cooling Rate (Fixed)		
Above Ambient	3°C/Min – 5°C/Min	Ambient Cooling
Below Ambient	0.5°C/Min – 1°C/Min	Ambient Cooling
Temperature Accuracy		
20°C to 40°C	+/- 0.2°C	+/- 0.2°C
< 20°C and > 40°C	+/- 0.5°C	+/- 0.5°C
Temperature Uniformity	±0.3°C (20°C to 40°C)	±0.3°C (20°C to 40°C)
Temperature Setting	±0.1°C / 1.0°C to 99°C	±0.1°C / 1.0°C to 99°C
Electrical Approval	Power Pack UL, CSA, CE	Power Pack UL, CSA, CE
Shipping Weight	25 lbs./ 11.34 kg	25 lbs./ 9.98 kg