

SPECIFICATIONS - THERMAL SHAKE TOUCH



Operating Conditions: Indoor use only.

Temperature:	5 to 40°C (41 to 104°F)
Humidity:	maximum 80% relative humidity, non-condensing
Altitude:	0 to 6562 feet (2000 M) above sea level

Non-Operating Storage:

Temperature:	-20 to 65°C (-4 to 149°F)
Humidity:	maximum 80% relative humidity, non-condensing

Installation Category II and Pollution Degree 2 in accordance with IEC 664.

Overall dimensions (L x W x H):	26 x 24.8 x 13.2cm (10.25 x 9.75 x 5.2")
Electrical (50/60 Hz):	120V, 1.8A, 215W 230V, 0.9A, 210W
Temperature range:	4°C above ambient to 100°C
Temperature accuracy:	+/- 1°C from 20°C to 45°C, +/- 2°C above 45°C
Temperature accuracy, Microplate, 15mL and 50mL Blocks**:	+/- 2°C below 70°C, -5°C above 70°C
Heating rate:	5°C/min
Speed range:	
384 well plate block	1400 rpm
0.2mL PCR plate block	1400 rpm
0.5mL tube block	3000 rpm
1.5mL tube block	2200 rpm
2.0mL tube block	2200 rpm
2.0mL cryo tube block	2200 rpm
12mm tube block	2200 rpm
5mL Eppendorf™ tube block	2200 rpm
15mL conical tube block	800 rpm
50mL conical tube block	800 rpm
Microplate thermal block	2400 rpm
Speed accuracy:	+/- 2%
Orbit:	3mm
Timer:	1 min. to 99 hrs. 59 min.
Unit weight:	9.75lbs (4.4kg)
Ship weight:	11.9lbs (5.4kg)

** Temperature accuracy can be improved by performing a single point calibration