

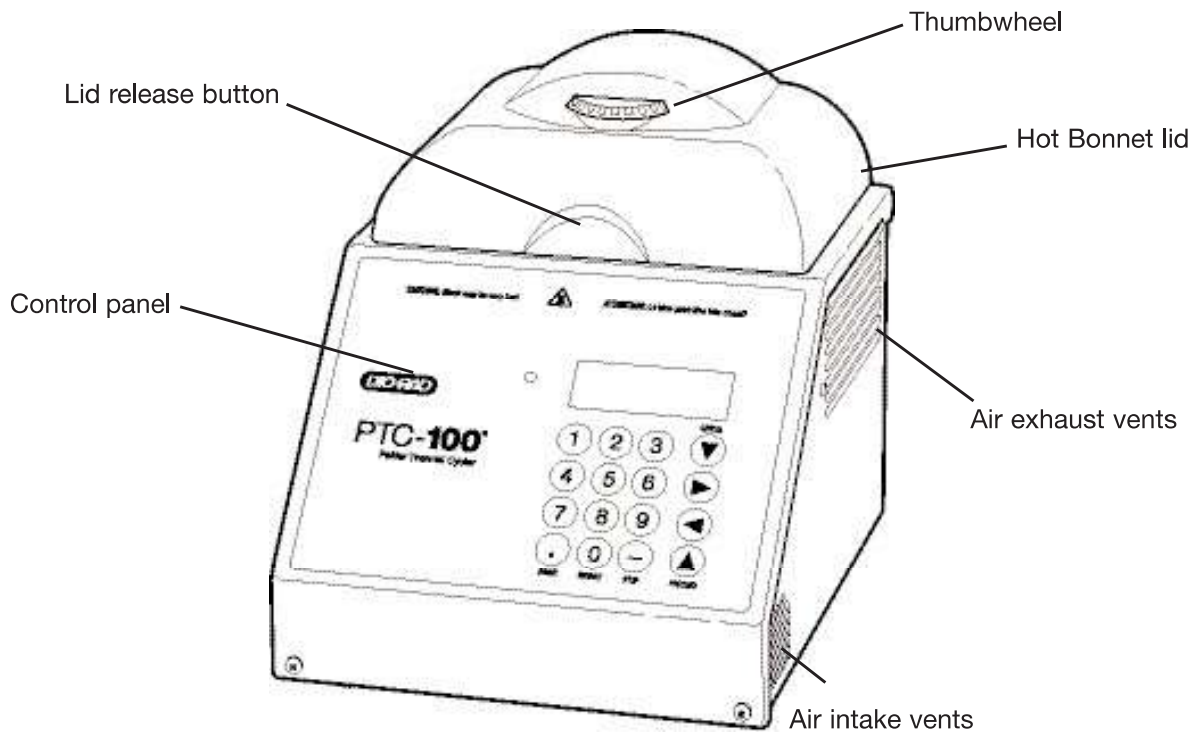
PTC-100 Cycler with Hot Bonnet Lid

Models Available

60-well block: holds 60 x 0.5 ml tubes

96-well block: holds 96 x 0.2 ml tubes or one 96-well microplate

Front View (Fig. 2-1)



Accessories

Slide Griddle Adaptor

The Slide Griddle™ adaptor allows the PTC-100 cycler to thermally cycle up to four 25 x 75 mm glass slides. The adaptor is available for 60-well and 96-well models of the PTC-100 cycler.

Specifications

Thermal range:	0–100°C
Accuracy:	±0.5°C of programmed target at 60°C
Thermal uniformity:	±0.4°C well-to-well within 30 sec of arrival at 60°C
Ramping rate:	60-well block: up to 1°C/sec 96-well: up to 1.2°C/sec
Sample capacity:	60-well block: 60 x 0.5 ml tubes 96-well block: 96 x 0.2 ml tubes or one 96-well plate
Line voltage:	100–240 VAC rms (no adjustment needed among voltages within these ranges)
Frequency:	50/60 Hz single phase
Power:	350 W maximum (momentary 4.5 A)
Fuses:	Two 4 A, 5 x 20 mm (4 ampere)
Displays:	One 4 x 20 LCD alphanumeric display
Memory:	99 typical programs in up to 12 individual folders
Weight:	7.0kg
Dimensions:	PTC-100 cycler with Hot Bonnet lid, 23 x 28 x 26 cm