

1.1 Specifications

Excella E-25 & E-25R Incubator Shaker	
SHAKING	
Speed ¹	50-400 rpm
Control Accuracy	± 1 rpm
Indication	3-digit LED, displayed in 1 rpm increments
Stroke/Orbit	2.54 cm (1 in)
TEMPERATURE	
Range (E-25)	7°C above ambient temperature* to 60°C
Range (E-25R)	15°C below ambient temperature* (min. 4°C) to 60°C
Control Accuracy	± 0.1°C @ 37°C
Indication	3-digit LED, displayed in 0.1°C increments
Ambient* Operating Environment	10 - 35°C, 20 to 80% relative humidity, non-condensing
Refrigerant (E-25R only)	R-134A
Alarms	Visible and audible warning indication when speed deviates more than 5 rpm, and temperature more than 1°C from setpoints, and when timer has expired.
Timer	0.1 to 99.9 hours. Shuts off agitation at end of period. Can be deactivated for continuous operation.
Automatic Restart	Automatic restart after power is restored. Setpoints and operating status are retained in memory during power interruption.
Drive Interrupt	Automatic drive-interrupt when cover is opened.
Electrical Requirements	110/120 VAC, 50/60 Hz E-25: 800 VA per shaker 220/240 VAC, 50/60 Hz E-25R: 1500 VA per shaker
ETL Regulatory Standards	UL 61010A-1 CAN/CSA-C22.2 No. 1010.1 UL 61010A-2-010 CAN/CSA-C22.2 No. 1010.2.010
CE Regulatory Standards	See <i>Declaration of Conformity</i> , Section 1.2
Platform	76 X 46 cm (30 X 18 in)
Overall Dimensions	127 cm W X 77 cm D X 85 cm H (50 in X 30.5 in X 41.7 in)
Chamber Dimensions	85 cm W X 58 cm D X 48 cm H clearance above platform (33.5 in X 23 in X 19 in)
Net Weight	E-25: 191 kg (420 lb), E-25R: 204.5 kg (450 lb)
Gross Weight	E-25: 204.5 kg (450 lb), E-25R: 281 kg (480 lb)

¹ See NOTE below.

* Ambient temperature is defined as the temperature measured one meter from the shaker.



NOTE:

Use of baffled flasks will significantly reduce maximum speed for any shaker. We may be able to improve this maximum speed by using an alternative motor pulley. Contact your New Brunswick representative for more information.