

9 Technical data

9.1 Specifications

Shaking	
Speed	50 rpm – 400 rpm
Motion	1.91 cm (¾ in) diameter circular orbit
Indication	LED digital electric display, 1 rpm increments
Setpoint and Control	Digital adjustment with PI microprocessor control and instantaneous visual feed back ±1 rpm.
Accuracy	±2 rpm
Drive	
UniCentric™ single eccentric counterbalanced ball bearing drive	
Keypad timer	
<ul style="list-style-type: none"> • Programmable shaking periods from 0.1 – 99.9 h by a digital timer that shuts off at the end of period and energizes status light. • Timer counts down and digital display indicates remaining time. • Can be deactivated for continuous operation. • Additionally, shaker will display total accumulated running time for service information. 	
Operating ambient environment	
<ul style="list-style-type: none"> • 5 – 45 °C • 20 – 80 % humidity, non-condensing • Up to 2000 m 	
Alarms	
<ul style="list-style-type: none"> • Warning signal (audible and visible) indicates when shaking speed deviates more than ±5 rpm from setpoint and when timer operation has expired. • Audible alarm can be deactivated/activated by the operator. 	
Automatic restart	
<ul style="list-style-type: none"> • Shaker will automatically restart after undesired power interruption. • Setpoints are maintained by non-volatile memory. • Interruption is indicated by a flashing display. 	
Electrical service	
<ul style="list-style-type: none"> • 110V/120V AC, 50/60 Hz, 1320 VA • 220V/240V AC, 50/60 Hz, 1320 VA 	

Technical data
New Brunswick Excella® E-2 Classic Platform Shaker
English (EN)

Dimensions	
Width	41 cm (16.25 in)
Depth	46.4 cm (18.3 in)
Height	18 cm (7.13 in)

Platform dimensions	
Width × Depth	33 cm (13 in) × 28 cm (11 in)

Weight	
Net	31.8 kg (52 lb)
Gross	NA
