

Electrical Specifications

(centrifuge)

Electrical 48 VDC ±3 VDC, 2.7 ADC Maximum, steady state
Power Input Cable 4.8 in (12.2 cm)

(power pack)

Input 100-240 VAC, 47-63 Hz
Output 48 VDC, 2.7 amp
DC Output Cable 4 ft (1.2 m)
AC Line Cord
(Standard Cord) 7.5 ft (2.3 m)
(Continental European Cord) 8.2 ft (2.5 m)

General Specifications

(centrifuge)

Dimensions (with lid closed) W 9.25" x D 11.75" x H 5"
 (23.5 cm x 29.8 cm x 12.7 cm)
Weight (with rotor and cover installed) 6.2 lbs. (2.8 kg)
Nominal Speed 12,000 rpm ±80 rpm
Relative Centrifugal Force (RCF) at nominal speed: 14,387 g
Rotor Capacity 20 numbered tube slots
Electronic Timer 300 seconds spin; 15-20 seconds deceleration
Electro-Mechanical Safety Interlock Lid must be closed and latched before motor can be energized. Lid remains locked until rotor stops.

(power pack)

Dimensions W 7.71" x D 3.46" x H 1.99"
 (19.6 cm x 8.8 cm x 5.1 cm)
Weight 1.86 lbs. (0.84 kg)

Operating Environment

Non-Operating Temperature Requirements -15 °F to 150 °F (-26 °C to 66 °C)
Operating Temperature Requirements
(with QBC AccuTube) 68 °F to 98 °F (16 °C to 37 °C)
(with QBC Malaria Test) 60 °F to 99 °F (16 °C to 37 °C)
Functional Range 36 °F to 104 °F (2 °C to 40 °C)
Humidity 0% to 80% for temperatures between 2 °C and 31 °C
 derating linearly to 50% between 31 °C and 40 °C
Part Number 425740



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