

## 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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