Electrical Specifications

**Electrical**
- 48 VDC ±3 VDC, 2.7 ADC Maximum, steady state
- 4.8 in (12.2 cm)

**Power Input Cable**
- 100-240 VAC, 47-63 Hz
- 48 VDC, 2.7 amp
- 4 ft (1.2 m)

**DC Output Cable**
- 7.5 ft (2.3 m)

**AC Line Cord**
- 8.2 ft (2.5 m)

General Specifications

**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.

**Dimensions (power pack)**
- 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)
  - 60 °F to 99 °F (16 °C to 37 °C)
- (with QBC Malaria Test)
  - 36 °F to 104 °F (2 °C to 40 °C)

**Functional Range**
- 0% to 80% for temperatures between 2 °C and 31 °C derating linearly to 50% between 31 °C and 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