



The **Medtronic Bio-Console 560 Speed Controller** offers control and monitoring for the BPX-80 & Affinity CP Centrifugal Blood Pumps. The ergonomic design of the Bio-Console Pump features an uncluttered control panel and highly visible graphics. This Centrifugal pump is compatible with most heart-lung consoles. The special RPM control knob alerts the operator that a low-flow condition is approaching. Total system includes the Bio-Console 560 pump speed controller with LED Touch Display, TX50 Adult Flow Transducer, 540T External Drive Motor with adjustable arm assembly.

Features

- Color-coded status displays text messages
- Three timers with countdown or elapsed time.
- Two independently controlled level sensors communicate with pump controller
- Flow display includes cardiac index flow target calculation
- User-selectable pump stop/coast responses
- Arterial line auto-clamp system helps prevent back flow
- Updated electronic architecture provides additional functional enhancements.
- Utilizes remote pump drive for optimum placement



Specifications

Dimensions: User Interface

Overall Size: 22.18 cm (8.7 in) wide by 34.5 cm (13.6 in) long

Screen Size: 26.41 cm (10.4 in) diagonal

Weight: 4.26 kg (9.4 lb)

Dimensions: Base Unit

Size: 31.88 cm (12.55 in) high by 22.83 cm (8.99 in) wide by 43.02 cm (16.9 in) long

Weight: 17.19 kg (37.9 lb)

AC Power

100 VAC, 50-60 Hz, 3 amps

110-120 VAC, 50-60 Hz, 3 amps

220-240 VAC, 50-60 Hz, 1.5 amps

External Pump Drive Motor

Brushless DC (non-arcing)

Internal Batteries

Type: Two, series connected, 12 VDC lead-acid gel; rechargeable

Discharge Time: Refer to Appendix C in product manual

System Limits

Flow: -9.99 to +9.99 L/min +/- (5%=50m)

RPM: 0 to 4500 RPM

Operating Limits

Temperature: +18° to +33°C, +64° to +92°F

Humidity: 10% - 95%, noncondensing

Storage Limits

Temperature: -40° to +60°C, -40° to +150°F

Humidity: 10% - 95%, noncondensing

Output Signal

Digital: RS232 Interface: Flow, RPM, pressure, alarm status

Baud Rate: 1200 to 19200

