# Medtronic Biomedicus 560 Centrifugal Pump

SOMA TECHNOLOGY, INC.™

New, Demo & Refurbished Medical Equipment

The Model 560 Bio-Console® Pump Speed Controller offers control and monitoring for the Bio-Pump® Centrifugal Blood Pump. Ergonomic design features uncluttered control panel and highly visible graphics Compatible with most heart-lung consoles RPM control knob alerts operator that a low-flow condition is approaching.

Total system includes Bio-Console 560 Pump Speed Controller, Flow Transducer, Model 150 Emergency Handcrank, 540T External Drive Unit, Bio Cal® 370 Blood Temperature Control Module, PBS Cabinet, Adjustable Arm Assembly, Sechrist® Air/Oxygen Mixer, Regulator/Hose Set and ACT PLUS®

## 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

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Revised 1/3/2017

# Specifications

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|---|---|
| **Dimensions: User Interface** | Overall Size: 22.18 cm (8.7 in) wide by 34.5 cm (13.6 in) long<br>Screen Size: 26.41 cm (10.4 in) diagonal<br>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<br>Weight: 17.19 kg (37.9 lb) |
| **AC Power** | 100 VAC, 50-60 Hz, 3 amps<br>110-120 VAC, 50-60 Hz, 3 amps<br>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<br>Discharge Time: Refer to Appendix C in product manual |
| **System Limits** | Flow: -9.99 to +9.99 L/min +/-(5%=50m)<br>RPM: 0 to 4500 RPM |
| **Operating Limits** | Temperature: +18° to +33°C, +64° to +92°F<br>Humidity: 10% - 95%, noncondensing |
| **Storage Limits** | Temperature: -40° to +60°C, -40° to +150°F<br>Humidity: 10% - 95%, noncondensing |
| **Output Signal** | Digital: RS232 Interface: Flow, RPM, pressure, alarm status<br>Baud Rate: 1200 to 19200 |

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Revised 3/8/2017