



We Serve, You Cure

AMS Solutions Inc.



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AMS

Solutions Inc.

Your Respiratory Partner

PHYSIO-CONTROL LIFEPAK 9

PHILIPS HEARTSTART XL DEFIBRILLATOR/MONITORCARE



The Lifepak 9 is defibrillator/monitor, cardioscope and non-invasive pacemaker. It provides 17 energy selections, heart rate alarms, three-lead ECG monitoring, recorder and Code Summary™ critical event recorder.

The microprocessor-based Lifepak 9 includes an internal battery supply and is available with optional pediatric paddles, internal paddles, pacing cable and pads, and ECG patient cable and leads.

ECG MONITOR FEATURES

- ECG Lead Selections: STD, Paddles, I, II, III
- Input: Isolated ECG via Quick-Look® defibrillator paddles, Fast-Patch® disposable defibrillation/ECG electrodes or three-lead patient cable
- Patient Cable Length: 13-foot total length (10-foot w/ three-foot leads)
- Common Mode Rejection: 100dB min. with respect to chassis ground and 65dB min. with respect isolated ground, when measured at 60Hz (common mode range for patient cable input is 10 Volts peak w/ respect to isolated ground)
- Monitor Display Size: 4" (w) x 3" (h)
- Sweep Speed: 25 mm/sec
- Frequency Response: Non-diagnostic
- ECG Leads: 1.0 to 40Hz (-3dB)
- Paddles: 2.2 to 20 Hz (-3dB)
- ECG Size: Adjusts amplitude of ECG trace on monitor and strip chart recorder
- Heart Rate Meter: Three-digit readout displays rates from 20 to 300 bpm; heart rates outside this range do not yield valid systole tones or heart rate display
- Heart Rate Alarm: User selectable alarm limits with three high/low settings (150/40, 120/60, 160/90 — other limit options are available via set up menu); 1 mV Cal: Momentary push button switch on rear panel simulates a 1 mV signal pulse to the ECG input

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ECG MONITOR FEATURES

- **Energy Selection**
 - External Paddles..... 1,2,3,4,5,6,7,8,9,10,20,30,50,100,200,300,360J
 - Internal Paddles 1,2,3,4,5,6,7,8,9,10,20,30,50J
- **Charge Controls** Independent momentary push-button controls on front panel and APEX paddle
- **Paddle Cord Length**..... 10 feet (3 m)
- **Paddle Cord Length**..... Charge to 360J in less than 10 s with a fully-charged battery
- **Defibrillator Energy**..... ±15% at 50Ω
- **Accuracy** ±30% over the range of 25 to 100Ω
- **Defibrillator Waveform**..... 5ms monophasic pulse

GENERAL SPECIFICATIONS

- **Weight** 28 lbs (12.7 kg)
- **AC Input Options** 120 to 240VAC nominal line voltage adjustment. 50 or 60 Hz with adjustment in Setup Menu.
- Battery Type**..... Sealed lead-acid, 16 Vdc nominal, 3Ahr
- **Battery Capacity (A new, fully-charged battery will provide one of the following prior to shutdown)**
 - Number of 360J discharges..... Typical: 75 | Minimum: 40
 - Minutes of monitoring..... Typical: 90 | Minimum: 70
- **Low Battery Indicator:**
 - Number of 360J discharges before warning..... Typical: 50 | Minimum: 20
 - Minutes of monitoring..... Typical: 90 | Minimum: 70
 - Battery Charge Time..... 24 hours to full capacity
- **Power Consumption**..... 160W
- **Size** 13.9" h x 11.7" w x 12.2" d (35.2 cm h x 29.7 cm w x 31.0 cm d)
- **Standard Paddle Electrode** Area 82cm²

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