

PHYSIO-CONTROL® LIFEPAK® 500 AED

- Simple 2 or 3 button operation
- Low maintenance
- Portable, lightweight
- Rugged, durable
- Powerful, user-friendly data management



Typical Manufacturer's Picture

Specifications

Defibrillator

Input: ECG via QUIK-COMBO or FAST-PATCH® disposable electrodes. Standard placement (anterior – lateral). Electrical protection: Input protected against high voltage defibrillator per IEC 60601/EN 60601. Waveform: Monophasic pulse (Edmark) per AAMI DF2-1989, 3.2.1.5.1. Biphasic truncated exponential, with voltage and duration compensation for patient impedance. Output energy sequence: Monophasic: 200, 200, 360 joules (360 joules thereafter) or 200, 300, 360 joules (360 joules thereafter). Biphasic: three levels, user configurable from 200 to 360 joules, delivered (level 1, level 2, level 3, level 3 ...). Charge time: with a new, nonrechargeable battery pak, or a new fully charged rechargeable battery pak: 200 joules in less than 9 seconds, 360 joules in less than 15 seconds. Controls: ON/OFF – turns device power on or off. ANALYZE (optional) – starts ECG analysis. SHOCK – delivers defibrillation energy. Active only when shock advisory system advises defibrillation. Clock Set: Two switches are provided to set the clock. Display: two-line, 20-character per line dot matrix liquid crystal display. Low battery indicator: low battery icon: at least 11 discharges remaining with nonrechargeable battery pak. At least 6 discharges remaining with rechargeable battery pak. Service indicator: service icon. Displayed messages: messages prompt user through complete operating sequence. Audible tones: Coded tones assist user through device operation and alert operator of display messages. Voice prompts: prompt user through complete operation sequence.

Event Documentation

Type: internal digital memory. Memory capacity: 20 minutes audio recording (optional). ECG and event log of operator/device actions: at least 20 minutes if unit is configured with audio recording and audio recording setup option is ON. At least 80 minutes if configured with audio recording and setup option is OFF. At least 60 minutes if not configured with audio recording. Report type: CODE SUMMARY™ report, Event Log report, and Test Log report. Capacity: 300 Event log events. 30 Test Log device tests (assuming no fault codes). Data Review: LIFENET® system compatible.

Batteries

Rechargeable SLA Battery Pak – Type: sealed lead-acid, 8V, and 2.5 amp hours. Capacity: typical: 59 full discharges or 3 hours of ON time with a new fully charged battery. Minimum: 43 full discharges with anew, fully charged battery. Battery charge time: 10±1hours. Battery charging limited to +15° to +35°C (+59° to +95°F). Recommended replacement interval: 2 years or 200 battery charge/discharge cycles, whichever comes first using recommended battery maintenance procedures. Weight: 0.9kg (1.9 lbs). Nonrechargeable Lithium Battery Pak – Type: sealed lithium, 12V, and 7.5 amp-hours. Capacity: typical: 312 full discharges or 14 hours of ON time. Minimum: 230 full discharges with anew battery. Shelf life: 5 years (4 years for aircraft use). Weight: 0.5 kg (1.2 lbs)

General

Height: 10.2 cm (4.0"). Width: 26.7 cm (10.5"). Depth: 29.5 cm (11.6") including handle. Weight: Monophasic version – 6.2 lbs (without batteries and electrodes), biphasic version – 5.3 lbs (without batteries or electrodes).

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