



The **Physio-Contol Lifepak 1000** is an automated external defibrillator. The Physio Control Lifepak 1000 features a large display that can show graphics and ECG readings. The display, along with audio prompts, can guide you through the operation of the defibrillator. The defibrillation system comes with CPRMax, which can minimize the interruption during CPR while the AED is charging. The Lifepak AED can provide up to 360 Joules of energy, producing 220 shocks within 17 hours of monitoring time.

Features

- Cpr MAX Technology for no interruption, allowing compressions to continue while the AED charges
- Adaptive biphasic technology to provide a range of energy from 150 to 360 joules
- 3-lead ECG functionality when needed
- Large, LCD screen, proving information and monitoring
- Adjustable setting to match your CPR and resuscitation protocols
- Loud voice prompts and on-screen guidance
- Can convert from AED to Manual Mode with a touch of a button



Specifications

Dimensions

Height: 8.7 cm (3.4 in)

Width: 23.4 cm (9.2 in)

Depth: 27.7 cm (10.9 in)

Weight: 3.2 kg (7.1 lbs) with one set of REDI-PAK electrodes and one nonrechargeable battery

Battery and Readiness Display

Primary Battery: (Nonrechargeable battery with status indicator):

Type: Lithium Manganese Dioxide (Li/MnO₂), 12.0V, 4.5 amp-hours.

Capacity: Typically will provide 440 200 joule shocks or 1030 minutes of operating time with a new battery (370 200 joule shocks or 900 minutes of operating time at 0°C).

Weight: 0.45 Kg (1.0 lb).

Shelf Life: After the battery is stored for 5 years at 20°C to 30°C, the device will provide 48 months of standby life.

Standby Life: (Assuming daily tests only) – A new battery provides device power for 5 years.

Low Battery Indication: At least 30 shocks or 75 minutes of operating time remain when low battery is first indicated.

Display

Backlit LCD displays number of shocks delivered, elapsed time, text and graphics of heart rhythm and optional ECG.

Size: 120mm (4.7 in) x 89 mm (3.5 in).

Frequency Response: 0.55 Hz to 21 Hz (-3 dB), nominal

ECG Option:

Waveform Sweep Speed: 25 mm/sec for ECG, nominal.

Waveform Viewing Time: Minimum 4 seconds.

Waveform Amplitude: 1 cm/mV, nominal.

Heart Rate: 20 to 300 BPM digital display, Display “---” if heart rate is less than 20 bpm. Heart symbol flashes for each QRS detection.

ECG information is received from the adult and Infant/Child electrodes in anteriorlateral or anterior-posterior positions. A 3-wire cable can be used for ECG monitoring (Lead II).



Specifications Continued

Defibrillator

All specifications are at 20°C unless otherwise specified.

Waveform: Biphasic truncated exponential with voltage and duration compensation for patient impedance.

Energy Sequence: User configurable, 150 joules–360 joules. Default energy output settings are 200, 300, 360 joules. 360 joules for every shock thereafter.

Charge Time: With new, nonrechargeable battery pack; 200 joules in less than 7 seconds (360 joules in less than 12 seconds).

3-Wire (Lead II) Monitoring Capability: (If ECG display option purchased). Requires purchase of 3-wire (Lead II) monitoring cable and LIFE-PATCH® electrodes.

Device Software: Field upgradeable.

Infant/Child Reduced Energy Defibrillation Electrodes: Reduces selected energy by a factor of 4. Intended for use only with children up to 8 years of age or 25 kg (55 lbs).

Safety Classification: Internally powered equipment IEC 60601-1.

Electrical Protection: Input protected against high voltage defibrillator pulses per IEC 60601-1.

Modes

AED: Provides operating capability for basic users.

Manual: Provides operating capability for advanced users.

ECG: Provides ECG display capability with 3-wire ECG cable.

Setup: Allows user to configure the device.

Data Transfer: Allows user to transfer patient data.

Auto Test: Provides daily automatic tests of hardware and software.

