

LIFEPAK CR2



COMPACT, EASY-TO-USE, LIFESAVING TECHNOLOGY

Sudden Cardiac Arrest (SCA) is a leading cause of death globally. As response time is critical for survival, the use of an AED can increase the survival rate from 5% up to 70%, if used within the first few minutes of the SCA.

The LifePak CR2 USB is designed especially for use in public areas by providing a sophisticated defibrillator for adult or pediatric use, inside a lightweight and easy-to-operate system.

EASY-TO-FOLLOW GUIDES

No-button operation. The Lifepak CR2 will turn on immediately after opening the lid. After analysing heart rhythm, the CR2 will automatically deliver a shock (if needed), eliminating the need for the rescuer to push a shock button.

Suitable for use in loud environments. The voice prompts on the LIFEPAK CR2 USB are processed with proprietary ClearVoice technology, which uses very specific frequencies to enable the human ear to distinguish between background noises.

And the LIFEPAK CR2 USB has an automated volume adjustment feature that increases or decreases the volume of the prompts based on the noise level of the environment.



DESIGNED FOR USER CONFIDENCE

User-friendly. Simple bold graphics, audible instructions and automated features help users remain focused. No complex displays that distract the responder's attention from the patient. Prompts include the initial Basic Life Support Steps, such as advising the rescuer to check for breathing.

cprCOACH Feedback. The LifePak CR2 USB provides CPR coaching on CPR technique and correct depth for adult and pediatric patients at appropriate times during the cardiac arrest response, including a metronome. It will also detect whether chest compressions are being performed and adjust the voice prompts, if needed, to help the responder resume CPR and provide the best possible care. Truly a Public Access Defibrillator.

TOUGH & PROTECTED

IP Rating

The Lifepak CR2 has an IP rating of 55 meaning it is well protected from external elements such as dust and water



Zero Seconds to First Shock

The device is precharged saving critical time in an emergency situation where every second counts.



GREAT FOR THE KIDS

Paediatric mode. The Lifepak CR2 can be used on children under the age of 8yrs by simply pressing the paediatric mode button. The device always defaults to Adult mode and therefore no risk of using Child mode on an Adult which is more critical than using Adult mode on a Child.

TECHNICAL SPECIFICATIONS

PHYSICAL

Size:	22.6 cm x 27.4 cm x 9.7 cm
Weight:	2.0 kg

DEFIBRILLATOR

Waveform:	Biphasic Truncated Exponential with voltage and duration compensation for patient impedance.
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PATIENT ANALYSIS SYSTEM

Method:	Evaluates patient's ECG, signal quality, electrode contact integrity and patient impedance to determine if defibrillation is required.
Sensitivity/Specificity:	Meets ISO 60601-2-4

ENVIRONMENTAL

Operating/Standby Temperature:	0°C to 50°C
Temporary Transportation Temperature:	-30°C to 60°C for up to 7 days.
Relative Humidity:	5% to 95% (non-condensing)
Water Resistance:	IEC 60529/EN 60529 IP55
Dust Resistance:	IEC 60529/EN 60529 IP5X with electrodes connected and battery installed.
Altitude:	-382 to 4,572 meters
Shock:	MIL STD 810F Method 516.4 Procedure I (40 Gs)
Vibration:	MIL-STD-810F, Method 514.4, Helicopter – category 6 (3.75 Grms) and Ground Mobile – category 8 (2.85 Grms).
Safety Classification:	IEC 60601-1/EN 60601-1.
Electrical Protection:	Input protected against high voltage defibrillator pulses per IEC 60601-1/EN 60601-1.
Aircraft:	Helicopter – category 6 (3.75 Grms)

ENERGY SELECTION

Adult:	Shock 1: 200J; Shock 2: 300J; Shock 3: 360J
Paediatric:	Shock 1: 50J; Shock 2: 75J; Shock 3: 90J

CHARGING TIME

New Battery:	0 seconds, as battery is pre-charged.
After 1st Discharge:	0 seconds, as charging is done during CPR.

EVENT DOCUMENTATION

Type:	Internal digital memory (flash RAM).
Memory Capacity:	Minimum 60 minutes of ECG stored for two patient episodes.
Access:	USB Cable to PC.

ELECTRODE PADS

Pads:	Can be used on both adult and paediatric patients.
Packaging:	User intuitive, rapid access electrodes.
Shelf life:	4 years from manufacture date.

PRIMARY BATTERY

Shelf Life:	4 years from manufacture date.
Weight:	0.3 kg
Battery Type:	Lithium Manganese Dioxide (LiMnO ₂)
Capacity:	166 200 joule shocks (with one minute of CPR between shocks) or 103 360 joules shocks (with one minute of CPR between shocks) or 800 minutes of operating time.

