Sudden cardiac arrest (SCA) can happen to anyone—anywhere. Immediate treatment is vital. A victim’s chance of survival dramatically decreases for every minute without treatment. That’s why public access defibrillators are so important. They put lifesaving technology where it can do the most good. So when an emergency happens, you should have nothing less than the best.
LIFEPAK® CR2 Defibrillator

Defibrillator

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

Patient Impedance Range: 10 – 300 ohms

Energy Accuracy: 10% of the energy setting into 50 ohms
15% of the rated energy output into 25 – 175 ohms

Output Energy Sequence: Multiple levels, configurable from 150 joules to 360 joules.

Energy Default: 200J, 300J, 360J (adult), 50J, 75J, 90J (paediatric)

Shock Advisory System™: An ECG analysis system that advises whether a shock is appropriate; meets rhythm recognition criteria specified in IEC 60601-2-4.

cprINSIGHT™ Analysis Technology: Enables the defibrillator to analyse the patient’s heart rhythm while CPR is being performed.

CPR Coaching: Instructions for adult and paediatric CPR, including feedback when no CPR is detected, rate and depth guidance, a metronome and instructions on hand placement.

Time to Shock at 360J after CPR (with cprINSIGHT enabled):
- Semi-Automatic: < 7 seconds
- Fully Automatic: < 13 seconds

Charge Time: 0 seconds for first 150J or 200J shock (as device is pre-charged). With cprINSIGHT enabled, subsequent shocks will be charged during CPR and ready to shock at the end of the CPR period.

Controls

Lid Release/ON-OFF: Controls device power.

Shock button, Semi-automatic: Delivers energy when button pressed by the user.

Shock button, Fully Automatic: flashes prior to delivering shock without requiring user intervention.

Child Mode Button: Allows operator to switch to Child Mode for reduced energy and CPR guidance appropriate for children.

Language Button: Optional feature allows operator to switch between the Primary and Secondary languages for an optional multi-language configuration.

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


User Interface

User Interface: The user interface includes voice prompts and audible tones.

ClearVoice™ Technology: Volume adjusts automatically based on the noise level of the surrounding environment.

Device Status Indicators: Visual and audible indicators indicating system readiness (device, pads and battery).

Environmental

Note: All performance specifications defined assume the unit has been stored (two hours minimum) at operating temperature prior to operation.

Operating Temperature: 0° to +50°C (+32° to +122°F).

Storage Temperature: -30° to +60°C (-22° to +140°F).

Relative Humidity: 5 to 95% (non-condensing).

Water Resistance: IEC 60529/EN 60529 IPX5 with dust resistance.

Dust Resistance: Internal dust resistance. Can be used in dusty environments.

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

Visual and audible indicators indicating system readiness (device, pads and battery).

User Interface:

- Voice prompts
- Audible tones
- Metronome
- Light indicators

Energy Accuracy:

- 10% of the energy setting into 50 ohms
- 15% of the rated energy output into 25 – 175 ohms

Output Energy Sequence:

- Multiple levels, configurable from 150 joules to 360 joules
- Energy Default: 200J, 300J, 360J (adult), 50J, 75J, 90J (paediatric)

Shock Advisory System™:

- An ECG analysis system that advises whether a shock is appropriate
- Meets rhythm recognition criteria specified in IEC 60601-2-4

CPR Coaching:

- Instructions for adult and paediatric CPR
- Feedback when no CPR is detected
- Rate and depth guidance
- Metronome
- Instructions on hand placement

Time to Shock at 360J after CPR (with cprINSIGHT enabled):
- Semi-Automatic: < 7 seconds
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Charge Time:

- 0 seconds for first 150J or 200J shock (as device is pre-charged)
- With cprINSIGHT enabled, subsequent shocks will be charged during CPR and ready to shock at the end of the CPR period.

Specifications

Physical Characteristics

With handle, including electrodes and battery:

- Height: 9.7 cm (3.8 in)
- Width: 22.6 cm (8.9 in)
- Depth: 27.4 cm (10.8 in)
- Weight: 2.0 kg (4.5 lb)

Accessories

PRIMARY BATTERY

- Type: Lithium Manganese Dioxide (Li/MnO2), 12.0V, 4.7 amp-hours

Capacity (at 20°C):

- Will provide 166 200 joule shocks (with one minute of CPR between shocks) or 103 360 joule shocks (with one minute of CPR between shocks) or 800 minutes of operating time.

Standby Life (assuming daily tests only):

- A new battery provides device power for 4 years if installed in device that is not used.

Replace Battery Indication:

- At least 6 shocks and 30 minutes of operating time remain when first indicated.

Weight:

- 0.3 kg (0.7 lb)

ELECTRODE PADS

- Pads: Can be used on both adult and paediatric patients.
- Pads Packaging: User intuitive, rapid access electrodes.
- Pads Replacement: Replace every 4 years.

Data Storage

Memory Type: Internal digital memory (flash RAM).

ECG Storage: Minimum 60 minutes of ECG stored for two patient episodes.

Communications

Communications: USB Wireless 802.11 b/g/n, or Cellular data transfer to LIFELINKcentral™ AED Program Manager or LIFENET® System.

AED users should be trained in CPR and in the use of the AED. Although not everyone can be saved, studies show that early defibrillation can dramatically improve survival rates.

All claims valid as of April 2017.

Physio-Control is now part of Stryker.

For further information, please contact Physio-Control at 800.895.5896 or visit our website at www.physio-control.com