stryker

Product comparison

LIFEPAK® CR2 AED vs. LIFEPAK CR® Plus AED

Automated external defibrillator (AED) features

	LIFEPAK CR2 Wi-Fi AED	LIFEPAK CR Plus AED
Connectivity	Wi-Fi	None
Fully automatic	Optional	Optional
Dual language	Yes, bilingual button	No
Child mode	Child Mode button	Pediatric electrode pads
CPR	• Early metronome • cprINSIGHT™ • cprCOACH™ technology (feedback when no CPR detected) • Advanced prompting	Prompts to provide chest compressions and rescue breaths
Breathing prompts	Yes, configurable by user	Yes, configurable by user
Automatic tracking of AED location	No	No
Email notification of device in use	Over Wi-Fi network	No
Transmission of event data to arriving emergency responders	Over Wi-Fi network	No
IP rating	55	X4
Escalating energy	Four energy levels, user-configurable: • Adults: 150J to 360J • Children: 35J to 90J	User-configurable: • Adults: 150J to 360J • Children: 50J to 86J with child electrode pads
ClearVoice™ processing technology	Yes	Yes
Adaptive prompt volume	Yes	No
ADAPTIV™ Biphasic waveform	Yes	Yes
Shocks	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	Thirty (30) full discharges or 210 minutes of “on time” with a fully charged device
Data storage	Minimum 60 minutes of ECG stored for two patient episodes	Minimum 20 minutes of ECG stored for current patient, summarized data stored for previous patient.
Electrodes	• Preconnected QUIK-STEP™ electrodes for adult and paediatric patients, compatible with LIFEPAK EMS devices	• Preconnected QUIK-PAK™ electrodes compatible with LIFEPAK EMS devices • Infant/Child Reduced Energy Defibrillation electrodes
Electrode life	4 years	2 years
Battery life	4 years	2-year replacement cycle for CHARGE-PAK™

AED features continued

	LIFEPAK CR2 Wi-Fi AED	LIFEPAK CR Plus AED
Dimensions	Depth: 3.8 in (9.7 cm) Width: 8.9 in (22.6 cm) Height: 10.8 in (27.4 cm)	Depth: 4.2 in (10.7 cm) Width: 8.0 in (20.3 cm) Height: 9.5 in (24.1 cm)
Weight (with battery and electrodes)	4.5 lb (2.0 kg)	4.5 lb (2.0 kg)
Self-tests	Daily, weekly, monthly	Daily
Check-in	Monthly	None
Event Data Export	Wireless to AED Event Viewer	Wireless (infrared)
Readiness indicator	LED, audible alert	Information display with text and status icon alerts
Out of temperature range notification	No	No
Time to shock after CPR	• At 360J after CPR with cprINSIGHT enabled): < 7 seconds • Fully automatic: <13 seconds	• At 360J Semi-automatic: < 25 seconds
Included in box	• AED • Battery • QUIK-START electrodes • Carry case or handle • USB cable • Operating Instructions • Getting Started Guide • Wireless Set up Guide • LIFELINKcentral™ AED Program Manager Basic account	• AED • CHARGE-PAK battery charger QUIK-PAK electrodes – 2 sets • Carry case • USB cable • Ambu® Res-Cue Mask® kit • Operating Instructions
Warranty	8 years	8 years
LIFELINKcentral AED Program Manager Subscription	Basic account	None

LIFEPAK CR2 AED

BRIEF SUMMARY OF INDICATIONS AND IMPORTANT SAFETY INFORMATION

INDICATIONS FOR USE: LIFEPAK CR2 AED is indicated for use on patients 1 year of age or older in cardiopulmonary arrest. The patient must be unresponsive (unconscious), not breathing normally, and showing no signs of circulation (for example, no pulse, no coughing, or no movement). cprCOACH™ Feedback Technology in *CR2* AED is indicated for use on cardiopulmonary arrest patients and provides CPR guidance in accordance with AHA Guidelines for patients 1 year of age or older. AED is intended for use by personnel who have been trained in its operation. Users should have received training in basic life support/AED, advanced life support, or a physician-authorized emergency medical response training program. The LIFEPAK CR2 Defibrillator is indicated to be used with the QUIK-STEP™ Pacing/ECG Defibrillation Electrodes and the LIFEPAK CR2 Lithium Battery.

CONTRAINDICATIONS: LIFEPAK CR2 AED is not indicated for patients who are conscious and responsive.

DANGER: Do not use LIFEPAK CR2 in presence of flammable gases or anesthetics.

WARNINGS: LIFEPAK CR2 AED delivers up to 360 joules of electrical energy. Unless used properly by following AED's visual and audio prompts, this electrical energy may cause serious injury or death. • When instructed EVERYONE CLEAR, do not touch AED, patient, electrode pads or any material/fluid in contact with patient. Make sure no one is touching patient when AED shocks patient. • Do not immerse AED in water or other fluids. Avoid spilling fluids on AED or its accessories. • Do not store in presence of flammable gases, anesthetics or in direct contact with flammable material. Use care when operating close to oxygen sources. Turn off gas source or move it away from patient during defibrillation. • Equipment operating in close proximity may emit strong electromagnetic interference (EMI) or radio frequency interference (RFI) which could affect performance of AED. • Keep AED away from magnetic resonance imaging (MRI) equipment as it is unsafe. • AED should not be used adjacent to or stacked with other equipment. • Do not touch patient and USB connector on back of AED simultaneously. • Replace battery immediately when AED indicates battery is low. • Use only accessories specified by Physio-Control or Stryker. Using other manufacturers' accessories may cause AED to perform improperly and may invalidate safety agency certification. Contact authorized service personnel for repair. • QUIK-STEP electrode pads: Place pads so they adhere to skin completely. • Do not allow pads to touch each other or any material on patient's chest. • Do not use damaged, expired, or dried-out pads. Dried out or damaged pads may cause electrical arcing and skin burns during defibrillation. • Do not pull red handle to open electrodes until immediately before use. • QUIK-STEP electrodes provided with *CR2* are not compatible with LIFEPAK 500 device. Emergency medical personnel should not connect these electrodes to LIFEPAK 500 device.

CAUTIONS: Damaged batteries may leak and cause personal injury or equipment damage; handle with extreme care. • Do not open device lid unnecessarily as this will reduce internal battery power.

POTENTIAL ADVERSE EFFECTS (FOR EXAMPLE, COMPLICATIONS): Failure to identify shockable arrhythmia • Failure to deliver a defibrillation shock in presence of ventricular fibrillation (VF) or pulseless ventricular tachycardia, which may result in death or permanent injury • Inappropriate energy delivery which could cause failed defibrillation or post-shock dysfunction • Myocardial damage • Incorrectly shocking a pulse-sustaining rhythm and inducing VF or cardiac arrest • Bystander shock from patient contact during defibrillation shock • Interaction with pacemakers • Skin burns around electrode pad placement area • Allergic dermatitis due to sensitivity to materials used in electrode construction • Minor skin rash • Fire hazard in presence of high oxygen concentration or flammable anesthetic agents • EMI from AED impacting other devices especially during charge and energy transfers.

U.S. Federal law restricts this device to sale by or on the order of a physician.

Please consult Operating Instructions at **strykeremergencycare.com** or call 800.442.1142 for complete list of indications, contraindications, warnings, cautions, potential adverse events, safety and effectiveness data, instructions for use and other important information.

LIFEPAK CR PLUS AED

BRIEF SUMMARY OF INDICATIONS AND IMPORTANT SAFETY INFORMATION

INDICATIONS FOR USE: LIFEPAK CR® Plus and LIFEPAK EXPRESS® AEDs are indicated for use on patients in cardiac arrest. The patient must be unresponsive (unconscious), not breathing normally, and showing no signs of circulation (for example, no pulse, no coughing, or no movement). LIFEPAK AEDs are intended for use by personnel who have been trained in their operation. Users should have received training in basic life support/AED, advanced life support or a physician-authorized emergency medical response training program. The AEDs may be used with QUIK-PAK™ defibrillation pads only on adults and children who are 8 years old or more, or who weigh more than 55 lbs (25 kg). The AEDs may be used on children who are less than 8 years old or weigh less than 55 lbs (25 kg) with Physio-Control Infant/Child Reduced Energy Defibrillation Electrodes. The AEDs may be used with the CHARGE-PAK™ battery charger.

CONTRAINDICATIONS: Do not use LIFEPAK AEDs when the victim is conscious and responsive.

WARNINGS: AED: LIFEPAK AEDs deliver up to 360 joules of electrical energy. Unless properly used, this electrical energy may cause serious injury or death. Do not attempt to operate AED unless thoroughly familiar with the function of all controls, indicators, connectors, and accessories. • When instructed "Do not touch patient," "Stand by," or "Everyone clear," remain still, do not touch AED, patient, defibrillation pads or any material in contact with patient. Make sure no one is touching patient when AED shocks the patient. • Performing CPR or otherwise handling or transporting the patient while AED is evaluating the heart rhythm can cause an incorrect or delayed diagnosis. Keep patient as still as possible. • Do not immerse AED in water or other fluids. Avoid spilling any fluids on AED or its accessories. • Do not use in presence of flammable gases or anesthetics. Use care when operating close to oxygen sources. Turn off gas source or move source away from patient during defibrillation. • Contact authorized service personnel for repair. • Equipment operating in close proximity may emit strong electromagnetic interference (EMI) or radio frequency interference (RFI) which could affect performance of AED. • Keep AED away from magnetic resonance imaging (MRI) equipment as it is unsafe. • Always keep a CHARGE-PAK battery charger in AED. Routinely check that AED is ready for use. Replace CHARGE-PAK battery charger and QUIK-PAK defibrillation pads after each use of AED. Insert only CHARGE-PAK battery charger into well of AED. • Use only parts and accessories specified by Physio-Control or Stryker. Using other manufacturers' accessories may cause AED to perform improperly and will invalidate safety agency certification. • Using damaged or expired accessories may cause AED to perform improperly and may injure the patient or user. • **DEFIBRILLATION PADS:** Place defibrillation pads so they adhere to skin completely. • Do not allow defibrillation pads to touch each other or any other material on patient's chest. • Do not use damaged, expired, or dried-out defibrillation pads. If you cannot determine a child's age or weight, or if infant/child electrodes are not available, proceed with QUIK-PAK defibrillation pads.

CAUTIONS: If AED has been damaged, remove from use and contact qualified technician. • Do not open device lid unnecessarily as this will reduce the internal battery power.

POTENTIAL ADVERSE EFFECTS (FOR EXAMPLE, COMPLICATIONS): Failure to identify shockable arrhythmia • Failure to deliver a defibrillation shock in the presence of ventricular fibrillation (VF) or pulseless ventricular tachycardia (VT), which may result in death or permanent injury • Inappropriate energy delivery which could cause failed defibrillation or post-shock dysfunction • Myocardial damage • Incorrectly shocking a pulse-sustaining rhythm and inducing VF or cardiac arrest • Bystander shock from patient contact during defibrillation shock • Interaction with pacemakers • Skin burns around the defibrillation pad placement area • Allergic dermatitis due to sensitivity to materials used in defibrillation pad construction • Minor skin rash • Fire hazard in the presence of high oxygen concentration or flammable anesthetic agents • EMI from the AED impacting other devices especially during charge and energy transfers.

U.S. Federal law restricts this device to sale by or on the order of a physician.

Please consult the Operating Instructions at **strykeremergencycare.com** or call 800.442.1142 for the complete list of indications, contraindications, warnings, cautions, potential adverse events, safety and effectiveness data, instructions for use and other important information.

If you purchased your LIFEPAK CR2 defibrillator from an authorized Stryker distributor or reseller, this distributor or reseller will have access to your LIFELINKcentral AED program manager account and may receive notifications prompted by the LIFEPAK CR2 defibrillator. Please note that this setting to notify your distributor or reseller can be disabled at ANY time: if you wish to disable this setting, please send a request to Stryker customer support to self-manage your site without notifications to your distributor or reseller.

For further information, please contact Stryker at 800 442 1142 or visit our website at strykeremergencycare.com

Emergency Care Public Access

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. AEDs are indicated for use on adults and children. AEDs may be used on children weighing less than 55 lbs (25 kg) but some models require separate defibrillation electrodes.

The information presented is intended to demonstrate Stryker's product offerings. Refer to operating instructions for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events, before using any of Stryker's products. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your representative if you have questions about the availability of Stryker's products in your area. Specifications subject to change without notice.

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