

CardioVive AT AED

Advanced AED technology saves lives, making it the standard of care

Defibrillator

Every year approximately 450,000 people in the United States die from Sudden Cardiac Death (SCD). Delivery of a defibrillation shock quickly during an episode is critical to survival. For each minute that passes, the chance of survival decreases by approximately 16 percent. The American Medical Association and JCAHO recommend that AEDs be used as a standard of care to prevent SCD. Any AED can provide a shock during a cardiac arrest, but the Burdick CardioVive™ AT AED provides continuous monitoring capabilities during and after resuscitation.

- Pre-connected electrodes are stored inside the CardioVive AT AED, eliminating confusion and errors
- Electrodes are non-polarized enabling them to be used in either position on a victim's chest
- Automatically detects pediatric electrodes
- The battery operating life is approximately two years

Easy Operation Saves Precious Seconds

The most important determinant in the survival of SCD victims is the length of time between onset of the event and delivery of the defibrillating shock. With only a six-minute window, every second counts.

- The one-button operation eliminates confusion and chance of error
- Loud audio recording gives simple, clear instructions and is available in 15 languages
- Provides instruction for combining defibrillation with CPR
- Pre-connected, non-polarized electrodes can save operator time
- Green indicator tells the user that the CardioVive AT is RescueReady

Administers the Appropriate Energy Level with Each Shock

Optimizing energy delivery is the key to successful defibrillation. The CardioVive AT AED provides customized energy with each shock it delivers.

- STAR™ Biphasic technology quickly assesses the victim, adjusts defibrillation parameters and delivers the most effective energy level
- When additional shocks are needed, the AED escalates the current generated to provide optimal energy delivery
- Software can be customized by a medical professional to follow defibrillation protocols for SVT, VT and VF

Features

- Automatic daily self-test ensures safe, reliable operation
- Pre-connected, non-polarized, disposable pads eliminate confusion by saving critical time
- The CardioVive AT AED is as easy to use as:
 1. Open Cover
 2. Open Electrode Package
 3. Place Electrodes on Bare Chest
 4. Push Button as Directed
- Patented biphasic waveform measures impedance and adjusts to deliver appropriate defibrillation level
- Advanced technology differentiates between shockable life-threatening cardiac rhythms and non-shockable arrhythmia events



RescueReady

The Burdick CardioVive AT performs automatic self-tests to ensure it is RescueReady®

- Proprietary RescueReady technology automatically tests the battery, system components and pre-connected electrodes daily
- Monthly, the CardioVive AT AED performs an automatic full-charge test of high voltage circuitry
- The RescueReady status light changes from green to red if tests fail

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CardioVive AT AED

TECHNICAL SPECIFICATIONS

Dimensions	10.6" W x 12.4" D x 3.3" H (27 cm x 31 cm x 8 cm)
Weight	6.6 lbs (3.10 kg) including battery and electrodes base model
Defibrillator	Operation: Semi-automatic; Waveform: Biphasic truncated exponential; Energy (J) range available: Escalating variable energy levels (105J to 360J); Number of protocols: 5; Factory default (Nominal): 200VE, 300VE, 300VE; Shock time cycle: Less than 55 seconds for a three shock series; Controls: Single-button operation; Voice prompts: Comprehensive voice instructions guide user through rescue process; Text screen: Displays written instructions to guide user through rescue process; Indicators: RescueReady status, electrodes indicator, SmartGauge battery status, service indicator; Audible alerts: Voice Prompt, System Alert; Synchronized Shock: Built-in automatic synchronization feature; Pacemaker pulse detection: Yes; Programmable: Yes, via MDLink; Pediatric capability: Yes
Automated self checks	Daily: Electrodes, battery, internal electronics, SHOCK/CONTINUE button, software (no charge); Weekly: Electrodes, battery, internal electronics, SHOCK/CONTINUE button, software (partial charge); Monthly: Electrodes, battery under load, internal electronics, full energy charge cycle, SHOCK/CONTINUE button, software (full charge)
Event documentation	Internal memory: 34 minutes ECG data with event annotation; Playback: Windows® -based RescueLink software via PC; Communications: Serial port or USB (via adapter) for PC with Windows; Clock synchronization: Precise synchronization of AED time to dispatch time
Electrodes	Supplied: Self-checking and pre-connected to AED; Type: Adult, disposable, non-polarized (identical pads can be placed in either position) pre-gelled, self-adhesive; Extended length of lead wire: 1.3m; Shelf life: 2 year; Gel surface area: 114 cm ² each
Battery	Type: Extended life lithium battery; Shelf life: 5 years; Battery Warranty: See Warranty Agreement for more information; Shocks: Typical 290
Environmental	Operating temperature: 0°C to +50°C (32°F to +122°F); Storage temperature (up to 1 week): -30°C to +65°C (-22°F to +149°F); Relative humidity: 5% to 95% (non-condensing); Atmospheric pressure: 57kPa (+15,000ft) to 103kPa (-500ft); Vibration and shock: IEC 68-2-29, 68-2-6 (sine), 68-2-64 (random); Free fall drop: IEC 68-2-32, 1 m; EMC: CISPR 11
Conforms to standards	Applicable Standards: UL-2601-1; CSA 22.2 No. 601.1-M90; IEC 60601-1; IEC 60601-1-2; IEC 60601-2-4
Warranty	5 years for CardioVive unit; 2 years for battery and electrodes. Actual battery operating life may vary



Electrodes are pre-attached eliminating confusion and errors

Makes Hard Decisions and Safely Monitors Victim

The CardioVive AT uses the most advanced software algorithm in the industry and provides continuous patient monitoring before, during and after the cardiac episode.

- RHYTHMx® technology differentiates between shockable life-threatening cardiac rhythms, such as ventricular arrhythmias (VT/VF), and non-shockable cardiac arrhythmia (SVT) events
- The AED automatically synchronizes shock delivery with the electrocardiograph R-wave
- Post-resuscitation monitors the heart rhythm to instantly detect additional life-threatening arrhythmias

Protected by Burdick's Warranty and Service

Burdick protects your CardioVive AT AED with a five-year warranty. During this period, Burdick provides a toll-free phone number for technical support. If the CardioVive AT AED needs to be returned to the factory for any reason during the warranty period, our free loaner program provides a CardioVive AT AED at no additional cost.

ORDERING INFORMATION

92532-201 CardioVive AT AED, English Language Version*

Accessory Part Numbers:

010-1564-00	Disposable defibrillation electrodes
010-1596-00	Pediatric electrode kit
010-1565-00	Disposable adult electrodes with pacing
010-1570-01	Soft-sided carrying case
010-1572-01	Wall-mount wire rack
010-1573-01	Wall storage case
010-1653-00	Extended life battery
010-1654-00	Quick start CD
010-1597-00	"Respaide" oxygen delivery system

* Call for other languages

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