



AccessALS



True Portability

Rugged case for demanding field use in the smallest and lightest available package

Biphasic WaveControl™

Escalating energy (200J, 360J) delivers controlled current with true impedance compensation for clinical safety and efficacy

Intuitive Operation

Ease-of-use minimizes user error and promotes rapid response

Integrated Electrodes

SpeedTray™ improves electrode handling and application

Revolutionary Pricing

Promotes proliferation throughout any community

Placing lifesaving defibrillation capabilities in the hands of each and every EMS professional is the key to saving more lives. Access CardioSystems makes this goal a reality with the AccessALS, delivering clinically advanced defibrillation in the smallest, lightest AED available. With revolutionary pricing and uncompromising performance *all* EMS personnel can now afford lifesaving defibrillators and the power to save lives.



Access
CARDIOSYSTEMS

*Making Universal Access to
Defibrillation a Reality*

AccessALS

Clinically advanced defibrillation capabilities in the smallest, lightest, most affordable AED available.



Physical

Size: 7.6 cm H x 18.5 cm W x 10.9 cm D
(3.0" H x 7.3" W x 4.3" D)

Weight: 1.3kg (2.8lbs) including battery and electrodes

Defibrillator

Waveform: Impedance Compensating Biphasic Truncated Exponential Waveform, with WaveControl™, adjusts and controls current as a function of patient impedance

Energy Selection: Escalating energy 200J, 360J;
Manual override option

Patient Impedance Range: 25 – 200 ohms

Charge Time from Shock Advised: 6 seconds (typical)

Shock-to-Shock Cycle Time: <20 seconds (typical)

Voice and Text Prompts: Detailed text and voice prompts to guide user through protocol

Protocol: Follows pre-configured settings;
Manual override option

Controls: Power, Shock and Menu option buttons;
Manual override: energy, sync, charge, analyze

Indicators: Status indicator light and audio tone,
LCD screen, audio speaker, electrodes

Patient Analysis System

Patient Analysis: Analyzes patient impedance, patient ECG, and signal quality to determine appropriateness of shock

Sensitivity/Specificity: Meets AAMI DF39 requirements

Shockable Rhythms: Ventricular fibrillation (amplitude >150 uV) and wide complex ventricular tachycardia with rates greater than 180 bpm

Battery Pack

Type: Disposable Lithium Manganese Dioxide
14 VDC 1.4 Ah

Capacity: Provides a minimum of 30 full-energy shocks or 2 hours of continuous monitoring and 10 full-energy shocks.

Shelf Life: Minimum 5 years

Standby Life: Minimum 2 years

Low Battery Indicator: Yes

ECG Display

Screen: High-resolution backlit LCD

Screen Dimensions: 70 mm W x 38 mm H
(2.75" W x 1.5" H)

Display Range: Differential: +/- 2 mV full scale (nominal)

Sweep Speed: 25 mm/second (nominal)

Frequency Response: 1 Hz to 35 Hz (-3 dB) (nominal)

Sensitivity: 1 cm/mV (nominal) auto scaled

Heart Rate: Digital display 0 to 300 BPM

Information: Heart rate, AED functions and prompts,
ECG waveform (configurable)

Defibrillation Pads

Supplied: Disposable, self-adhesive electrodes are pre-packaged in SpeedTray™ electrode delivery system located inside top cover

Electrode Position: Anterior-Anterior or Anterior-Posterior

Adapters: Available for other defibrillators, enabling continuity of care

Medical Control/Recording Features

Optional PC Data Card: Up to 2 hours minimum of ECG and event recording or 30 minutes if optional voice recording is enabled

Playback: Windows-based data review software

Environmental/Physical Requirements

Water Resistance: IEC 529 IP54 splashproof

Temperature: 0°C to 50°C (operating and standby)

Relative Humidity: 5% to 95% (operating) / 0% to 75% (standby) (non-condensing)

Altitude: 1060 mbar; MIL-STD-810F

Shock/Drop Abuse Tolerance: MIL-STD-810 516.5 Procedure I

Vibration: MIL-STD-810F method 514.5 U.S. Highway Truck Exposures

EMI Requirements: Electromagnetic Emissions CISPR11 Group 1 Class B; Electromagnetic Immunity AAMI DF2, DF39 IEC61000-4-3 Level 3, 10 V/M; Magnetic Field Immunity IEC61000-4-8 Level 2, 3 A/M; Electrostatic Discharge AAMI DF2, IEC61000-4-2 Level 4, 8KV Contact, 15KVair

Self Tests

Self-test: Performed every 24 hours

Status Indication: Visual and audible indication of self-test results

Partners in Resuscitation

At Access CardioSystems, we are entirely focused on developing breakthrough solutions that save lives by enabling universal access to defibrillation. We complement our technical innovation with a commitment to create effective strategies for early defibrillation.



For more information, or to arrange a demonstration, please contact:



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