

Technical Overview

| Physical | With Pad-Pak™ Inserted |
|----------|--|
| Size: | 20 cm x 18.4 cm x 4.8 cm (8.0 in x 7.25 in x 1.9 in) |
| Weight: | 1.1 kg (2.4 lbs) including Pad-Pak Battery |

| Defibrillator | |
|---------------|---|
| Waveform: | Self-Compensating Output Pulse Envelope (SCOPE™) Biphasic waveform. Optimized biphasic escalating waveform compensates energy, slope and envelope for patient impedance |

| 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 (+32°F to +122°F) |
| Temporary Transportation Temperature: | -10°C to 50°C (14°F to 122°F) for up to two days. Unit must be returned to standby/operating temperature for 24 hours before use. |
| Relative Humidity: | 5% to 95% (non-condensing) |
| Water Resistance: | IEC 60529/EN 60529 IP56 |
| Altitude: | 0 – 4,575 meters (to 15,000 feet) |
| Shock: | MIL STD 810F Method 516.5, Procedure I (40 G's) |
| Vibration: | MIL STD 810F Method 514.5+ Category 4 Truck Transportation – US Highways Category 7 Aircraft – Jet 737 & General Aviation (Exposure) |
| EMC: | EN 60601-1-2 |
| Radiated Emissions: | EN55011 |
| Electrostatic Discharge RF Immunity: | EN61000-4-3 80MHZ-2.5GHZ (10 V/m) |
| Magnetic Field Immunity: | EN61000-4-8 (3 A/m) |
| Aircraft: | RTCA/DO-160F, Section 21 (Category M) |
| Falling Height: | 1 meter (3.3 feet) |

| Energy Selection | |
|------------------|---|
| Adult: | Shock 1: 150J; Shock 2: 150J; Shock 3: 200J |
| Pediatric: | Shock 1: 50J; Shock 2: 50J; Shock 3: 50J |

| Charging Time | |
|---------------------|---|
| New Battery: | Typically 150J in < 8 seconds, 200J in < 12 seconds |
| After 6 Discharges: | Typically 150J in < 8 seconds, 200J in < 12 seconds |



| Event Documentation | |
|------------------------|---|
| Type: | Internal Memory |
| Memory Capacity: | 90 minutes of ECG (full disclosure) and event/incident recording |
| Playback Capabilities: | Custom USB cable directly connected to PC and Saver™ EVO Windows-based data review software |

| Materials Used | |
|----------------|---------------------------------------|
| Housing: | ABS, Santoprene |
| Electrodes: | Hydrogel, Silver, Aluminum, Polyester |

| Pad-Pak — Electrode and Battery Cartridge | |
|---|---|
| Adult Pad-Pak* (Pad-Pak-03) and Pediatric Pad-Pak (Pad-Pak-04) * ETSO certified Pad-Pak also available | |
| Shelf Life: | 4 years from manufacture date |
| Weight: | 0.2 kg (0.44 lbs) |
| Size: | 10 cm x 13.3 cm x 2.4 cm (3.93 in x 5.24 in x .94 in) |
| Battery Type: | Lithium Manganese Dioxide (LiMnO ₂) |
| Capacity: | > 60 shocks at 200J 18V, 1.5 Amp Hrs |
| Electrodes: | HeartSine samaritan® disposable defibrillation pads are supplied as standard with each device |
| Placement: | Anterior-lateral (Adult); Anterior-posterior (Pediatric) |
| Active Gel Area: | 100 cm ² (15.5 in ²) |
| Cable Length: | 1 meter (3.3 feet) |

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 The products described in this brochure all meet the applicable European Medical Directive requirements.
 UL Classified. See complete marking on product.
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