



HeartSine®

Inventor. Innovator. Lifesaver.

HeartSine® samaritan® PAD 300P

Public Access Defibrillator with CPR Coaching

Dental Offices



Count On Us For Cardiac Emergencies — Because Every Second Counts

Are you or your staff prepared to respond to a cardiac emergency in your dental office? SCA strikes without warning, and it can happen to anyone, at anytime. Without defibrillation treatment within 3-4 minutes, per AHA guidelines, the results could be deadly.

Keep the HeartSine® samaritan® PAD 300P Public Access Defibrillator close at hand for the best outcomes for SCA recovery. It's the ideal solution for the dental industry:

- Simple to use by anyone regardless of skill level
- Smallest and lightest AED on the market makes it convenient to store and easy to carry
- Designed with lifesaving technology compatible for both adults and children
- Industry-leading 10-year warranty for maximum reliability
- Most comprehensive indemnification coverage protects employees and patients, whether trained or untrained, for life of the AED
- Easily updateable software upgrades from your facility throughout the AED's life via its advanced firmware

HeartSine also offers a comprehensive AED solution that includes planning, design, implementation and administration, enabling medical oversight, training and management of AED devices through a single point of contact.

Lifesaving, Pure and Simple

Why HeartSine?

- ▶ **Lowest Cost of Ownership:** Lifesaving technology is available at the lowest total cost of ownership over the life of the unit.
- ▶ **Easiest To Use:** Designed for use by rescuers of all skill levels, the samaritan PAD is a completely self-contained unit. No lid to open. No complex displays or controls. Its simple two-button operation and intuitive voice/visual prompts with clear instructions guide the user through every step, including pad application, shock delivery and CPR.
- ▶ **Clinically Advanced:** samaritan PAD utilizes proprietary electrode technology, advanced and stable firmware, and proprietary SCOPE™ Biphasic technology (an escalating and low-energy waveform that automatically adjusts for patient impedance differences) to assess rhythm and recommend defibrillation if necessary.
- ▶ **One Change Maintenance:** Competitive products require batteries and electrodes with individual expiration dates requiring customers to track. The samaritan PAD 300P integrates both items into a self-contained cartridge called the Pad-Pak.™ One expiration date on the pads and batteries means less to manage, inventory and order.
- ▶ **Highest Ingress Protection (IP) Rating:** The samaritan PAD has a rating of IP56, providing the 300P with the highest level of protection from dust or moisture ingress in the industry.

| Physical | With Pad-Pak™ Inserted |
|----------------|---|
| Size: | 8.0 in x 7.25 in x 1.9 in (20cm x 18.4cm x 4.8cm) |
| Weight: | 2.4 lbs (1,1 kg) including Pad-Pak Battery |

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

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

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

| 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 and AAMI DF80:2003 |

| 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 to 15,000 feet (0 – 4,575 meters) |
| Shock: | MIL STD 810F Method 516.5, Procedure I (40G'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, 2007 |

| Environmental (continued) | |
|---|---|
| Radiated Emissions: | EN55011:2009 |
| Electrostatic Discharge RF Immunity: | EN61000-4-3:2006 80MHZ-2.5GHZ (10V/m) |
| Magnetic Field Immunity: | EN61000-4-8:2001 (3 A/m) |
| Aircraft: | RTCA/DO-160F: 2007, Section 21 (Category M) |
| Falling Height: | 1 meter |

| 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 | |
|-----------------------------|--|
| samaritan® PAD 300P: | ABS, Santoprene. Printed circuit board with electronic components. |
| Housing: | ABS – Electrodes: Hydrogel, Silver, Aluminium and Polyester |

| Pad-Pak — Electrode and Battery Cartridge | |
|--|---|
| Adult Pad-Pak (Pad-Pak-01) and Pediatric Pad-Pak (Pad-Pak-02) | |
| Shelf Life: | 4 years from manufacture date |
| Weight: | 0.44 lbs (0.2kg) |
| Size: | 3.93 in x 5.24 in x .94 in (10cm x 13.3cm x 2.4cm) |
| Battery Type: | Lithium Manganese Dioxide (LiMnO2) |
| Capacity: | Meets ISO 60601-2-4 and AAMI DF80:2003 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: | 100cm ² |
| Cable Length: | 3.5 ft (1m) |

Distributed By:

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The products described in this brochure all meet the applicable European Medical Directive requirements.

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www.heartsine.com

CAUTION:
U.S. Federal law restricts this device to sale by or on the order of a licensed practitioner.