



HeartSine®

Inventor. Innovator. Lifesaver.

HeartSine® samaritan® PAD 300P

Public Access Defibrillator

Long Term Care, Assisted Living and Retirement Communities



Count On Us For Cardiac Emergencies — Because Every Second Counts

Are you and your employees prepared to respond to a cardiac emergency in your assisted living or retirement community? Sudden Cardiac Arrest (SCA) strikes without warning, and it can happen to anyone, at any time, including residents, guests and visiting family. Without defibrillation treatment within 3-4 minutes, per ERC/AHA guidelines, the results could be deadly.

Assisted living and retirement community personnel should 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 retirement facilities:

- Simple to use by anyone regardless of skill level
- Smallest and lightest AED on the market makes it easy to store and carry
- Industry-leading 10-year warranty for maximum reliability
- Most comprehensive indemnification coverage protects employees and visitors, whether trained or untrained, for life of the AED

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 water and dust resistance in the industry.

HeartSine® samaritan® PAD 300P



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:	100cm²
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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CAUTION:
U.S. Federal law restricts this device to sale by or on the order of a licensed practitioner.



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