

HeartSine® samaritan® PAD 350P AED HeartSine®

Public Access Defibrillator with CPR Coaching

Lifesaving Technology for Public Access

Sudden cardiac arrest strikes 7 million people a year worldwide with no warning and no pattern. There's little time to react and even less time to think. This means an Automated External Defibrillator (AED) must be close at hand, easy to use and ready to shock.

The HeartSine® samaritan® PAD 350P offers industry-leading value and environmental protection, all in an easy-to-operate system in the smallest and lightest package available.

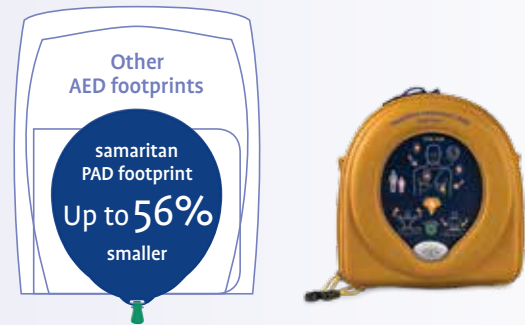


Ready to Shock

Portable and lightweight. The samaritan PAD is much lighter 2.4 lbs and smaller than other defibrillators.

Highest level of protection against dust and water. With its IP56 rating, the samaritan PAD 350P defibrillator offers unmatched ruggedness.

Clinically Validated Technology. The samaritan PAD 350P utilizes proprietary electrode technology and SCOPE™ biphasic technology, an escalating, low-energy waveform that automatically adjusts for differences in patient impedance.



Easy-to-Follow Visual and Verbal Guides

User-friendly. Easy-to-understand visual and voice prompts guide the rescuer through the entire resuscitation process, including CPR—a key link in the chain of survival.

Two-button operation. Only two buttons, ON/OFF and SHOCK, for straightforward operation.

Always ready. A System Status Ready Indicator flashes to show that the complete system is operational and ready for use. The device automatically runs a self-check each week.



"Apply pads to patient's bare chest as shown in picture"



"Stand clear of the patient"

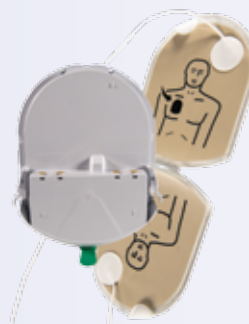


"Safe to touch the patient"

Simple to Own

Two parts, one expiration date. The innovative Pad-Pak™, an integrated battery and electrode single-use cartridge with one expiration date, offers one simple maintenance change every four years.

Low cost of ownership. With a shelf life of four years from date of manufacture, the Pad-Pak offers significant savings over other defibrillators that require separate battery and electrode replacements.



Pad-Pak and Pediatric-Pak™ with pre-attached electrodes.

The HeartSine samaritan PAD's built-in intelligence and unique Pediatric-Pak ensure the appropriate energy level is delivered for children, between 1 and 8 years of age or up to 55 lbs/25 kg.



Physical	With Pad-Pak™ Inserted
Size:	8.0 in x 7.25 in x 1.9 in/20 cm x 18.4 cm x 4.8 cm
Weight:	2.4 lbs/1.1 kg

Defibrillator	
Waveform:	Self-Compensating Output Pulse Envelope (SCOPE™) optimized biphasic escalating waveform compensates energy, slope and duration 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 IEC/EN 60601-2-4
Impedance Range:	20 - 230 ohms

Environmental	
Operating/Standby Temperature:	32°F to 122°F/0°C to 50°C
Transportation Temperature:	14°F to 122°F/-10°C to 50°C for up to two days. If the device has been stored below 32°F/0°C, it should be returned to an ambient temperature of between 32°F to 122°F/0°C to 50°C for at least 24 hours before use.
Relative Humidity:	5% to 95% (non-condensing)
Enclosure:	IEC/EN 60529 IP56
Altitude:	0 to 15,000 feet/0 to 4,575 meters
Shock:	MIL STD 810F Method 516.5, Procedure 1 (40 G's)
Vibration:	MIL STD 810F Method 514.5+, Procedure 1 Category 4 Truck Transportation – US Highways Category 7 Aircraft – Jet 737 & General Aviation
EMC:	IEC/EN 60601-1-2
Radiated Emissions:	IEC/EN 55011
Electrostatic Discharge:	IEC/EN 61000-4-2 (8 kV)
RF Immunity:	IEC/EN 61000-4-3 80 MHz-2.5 GHz, (10 V/m)
Magnetic Field Immunity:	IEC/EN 61000-4-8 (3 A/m)
Aircraft:	RTCA/DO-160G, Section 21 (Category M) RTCA/DO-227 (TSO/ETSO-C142a)
Falling Height:	3.3 feet/1 meter

Energy Selection	
Pad-Pak:	Shock 1: 150J; Shock 2: 150J; Shock 3: 200J
Pediatric-Pak:	Shock 1: 50J; Shock 2: 50J; Shock 3: 50J

Charging Time	
New Battery:	Typically 150J in < 8 seconds, 200J in < 12 seconds

Event Recording	
Type:	Internal Memory
Memory:	90 minutes of ECG (full disclosure) and event/incident recording
Review:	Custom USB data cable (optional) directly connected to PC with Saver EVO™ Windows-based data review software

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

Pad-Pak — Electrode and Battery Cartridge	
Adult Pad-Pak (Pad-Pak-01) and Pediatric Pad-Pak (Pad-Pak-02) <i>*TSO/ETSO-certified aviation Pad-Pak also available</i>	
Shelf Life/Standby Life:	See the expiration date on the Pad-Pak/Pediatric-Pak (4 years from manufacture date)
Weight:	0.44 lbs/0.2 kg
Size:	3.93 in x 5.24 in x .94 in/10 cm x 13.3 cm x 2.4 cm
Battery Type:	Disposable single-use combined battery and defibrillation electrode cartridge (lithium manganese dioxide (LiMnO ₂) 18V)
Battery Capacity (New):	> 60 shocks at 200J or 6 hours of continuous monitoring
Electrodes:	HeartSine samaritan disposable defibrillation pads are supplied as standard with each device
Electrode Placement:	Anterior-lateral (Adult); Anterior-posterior or Anterior-lateral (Pediatric)
Electrode Active Area:	15 in ² /100 cm ²
Electrode Cable Length:	3.3 feet/1 meter
Aircraft Safety Test (TSO/ETSO-certified Pad-Pak):	RTCA/DO-227 (TSO/ETSO-C142a)

1. Simon J. Walsh, Anthony J.J. McClelland, Colum G. Owens, James Allen, John McCanderson, Colin Turner, A.A. Jennifer Adgey, Efficacy of Distinct Energy Delivery Protocols Comparing Two Biphasic Defibrillators for Cardiac Arrest, *Am J Cardiol* 2004;94:378–380.

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The HeartSine products described in this brochure meet the European Medical Directive requirement.

CLASSIFIED
UL US UL Classified. See complete marking on product.

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

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Lifesaving, Pure and Simple



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