



## Interactive Graphical Interface

With everyday people in mind, HeartSine designed an interface that guides even the most inexperienced user throughout the rescue process. Using three simple icons and verbal instructions, the samaritan® PAD will clearly guide the rescuer through each step.

## Ready...Set...Go!

The samaritan® PAD will automatically perform critical systems self testing. The status indicator will blink, letting you know the samaritan® PAD is ready for use.

## Helping you... Help someone.

- Only 2 lbs (1 kg)
- Simple operation
- Graphical interface to guide user
- Clear voice instruction
- Always ready-for-use
- Auto self-test
- Perfect for home, business, travel, public areas and facilities



## Clinically Safe and Effective

The samaritan® PAD is built on many years of research, development and patented technology. The samaritan® PAD uses HeartSine's SCOPE™ Biphasic technology (a low-energy, escalating waveform that adjusts for the differences in each person's physical make-up) to deliver optimal defibrillation to every patient.

## Only One Expiration Date to Monitor

With the samaritan® PAD there is only one expiration date to be concerned about. The battery and pad system has been packaged together. This new innovative battery & electrode system, reduces the maintenance in half and helps ensure an optimal state of readiness. Just one expiration to track.





Samaritan® PAD



Pad-Pak™



Soft Carry Case

**PHYSICAL**

**Size:** 8.0in x 7.25in x 1.9in  
(20cm x 18.4cm x 4.8cm)

**Weight:** 1.1 kg (2.4 lbs) including Pad-Pak™ Battery.

**DEFIBRILLATOR**

**Waveform:** SCOPE® (self-compensating output pulse envelope) Biphasic Escalating waveform. Optimized biphasic waveform compensates energy, slope and envelope for patient impedance.

**Energy Selection:** Pre-configured automated protocol (escalating from 100J, 150J, to 200J).

**Charge Time:** Less than 7 seconds (100J) and less than 12 seconds (200J) from a SA message with new Pad-Pak™.

**Shock Cycle Time:** <60 seconds for three analyze/shock cycles.

**Controls:** On/Off and Shock button

**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 AAMI DF 80.

**DISPLAY**

**Visual Prompts:** Attach Pads, Stand Clear, Perform CPR, Shock Now, Self Tests Pass - Ready State.

**Indicators:** Low battery, (at least 10 discharges remaining), audible prompt (alerts user of electrode disconnect), service icon stops flashing if self-tests fail, no battery, or when service required.

**Voice and icon prompts:** Extensive voice and icon prompts guide the user through the operation sequence.

**Languages:** English

**ENVIRONMENTAL**

**Operating Temperature:** 0° to 50° C (+32° to +112°F)

**Storage Temperature:** -10° to 50° C

**Relative Humidity:** 5% to 95% (non-condensing)

**Water Resistance:** IEC 60529/EN 60529 IP44

**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, Second Edition: 2001

**Radiated Emissions:**

CISPR11: 1997 +1A:1999+A2:2001 Group 1 Class B

**Electrostatic Discharge Immunity:**

EN61000-4-2:1995 (8KV)+A1:1998+A2:2000

**RF Immunity:**

EN61000-4-3:1996, 80 MHz - 2.5 GHz  
(10V/m)+A1:1998+A2:2000

**Magnetic Field Immunity:**

EN61000-4-8:1993 (3 A/m)+A1:2000

**Aircraft:**

RTCA / DO - 160D: 1997, Section 21 (Category M)

**EVENT DOCUMENTATION**

**Type:** Internal memory

**Memory Capacity:** 45 minutes of ECG (full disclosure) and event/incident recording.

**Playback Capabilities:** Custom USB cable directly connected to PC and SAVER® windows-based data review software.

**Pad-PAK™ BATTERY**

**PAK**

**Shelf Life:** 3 years

**Weight:** 0.44 lbs (0.2kg)

**Size:** 3.93in x 5.24in x .94in  
(100mm x 133mm x 24mm)

**BATTERY**

**Type:** Lithium Manganese Dioxide (LiMnO2) 18V, 0.8 Amp Hrs

**Capacity:** >30 shocks at 200J or 6 hours of continuous monitoring.

**Standby Life:** 3 years

**ELECTRODES**

**Electrodes:** Samaritan® disposable defibrillation electrodes are supplied standard with each Pad-Pak™.

**Active Gel Area:** 100 cm<sup>2</sup>

**Cable Length:** 3.5 ft (1m)

**Shelf Life:** 3 years



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



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