



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 Status indicator will blink letting you know the samaritan® PAD is ready for use. The Pad-Pak™ defibrillation pads speed up the rescue by reducing the number of steps required. Just open the package and apply the pads.

Helping you... Help someone.

- Only 1 kg (2 lbs)
- 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 and development and patented technology. The samaritan® PAD uses HeartSine's SCOPE™ Biphasic technology (a low-energy 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. We have packaged the battery and pad system together. The new innovative battery and electrode system cuts maintenance in half and helps ensure an optimal state of readiness. Just one expiration to track and replace.





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 cm²

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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