

# HeartSine Samaritan® PAD 350P/360P

Semi-Automatic/Fully Automatic Public Access Defibrillator



## 350P Semi Auto

350P, semi automatic defibrillator requires first responder to push 'shock' button when prompted.



## 360P Fully Auto

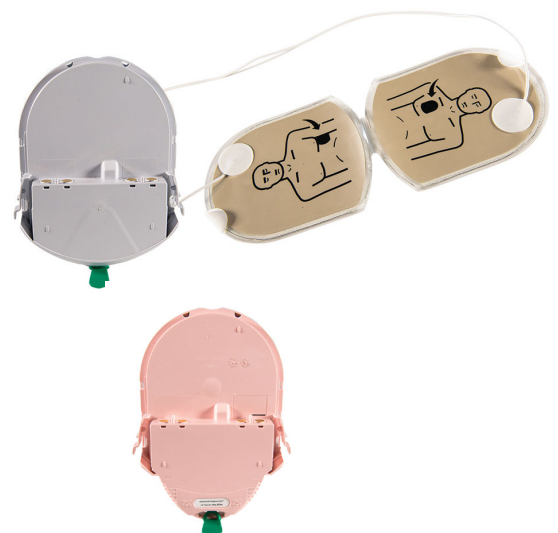
360P, fully automatic defibrillator delivers the 'shock' without first responder intervention.

## 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.

**Paediatric-Pak™ also available** to ensure the appropriate energy level is delivered for children, between 1 and 8 years of age or up to 25 kg (55 lbs).



# HeartSine Samaritan® PAD 350P/360P

## Designed for ease of use.

**Saving a life has never been so simple.**



### **Value for money**

For the budget conscience.



### **Metronome and CPR coaching**

Sets an effective pace and audibly guides users, detecting and correcting technique as needed.



### **HEARTSINE TOUGH™**

Highest IP56 rating offers unmatched ruggedness.



### **Weight**

Lightest unit on the market at 1.1kg.



### **Escalating energy**

Up to 200 Joules.



### **Battery + electrode pad pak**

4 year shelf life.



### **8 year warranty**

Backed by an 8 year warranty.



### **Aircraft compliant**

ETSO certified.







# HeartSine Samaritan® PAD 350P/360P

## Inclusions

## Additional Accessories



Carry case



Operating instructions manual



First responders kit



Order code: AED Wall Bracket CR2  
AED green wall bracket



Order code: 147SM-1  
Alarmed cabinet



Order code: DIRAEDA  
AED directional sign



Order code: 3DAEDAR  
3D projection wall sign



Order code: 11516000025  
Battery & electrode pad-pak adult 4 year life



Order code: 11516000026  
Battery & electrode pad-pak child

# HeartSine Samaritan® PAD 350P/360P

## Specifications

### Physical With Pad-Pak Inserted

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

**Weight:** 1.1kg (2.4lbs)

### Defibrillator

**Waveform:** Self-Compensating Output Pulse Envelope (SCOPE™)  
Optimised biphasic escalating waveform compensates energy, slope and duration for patient impedance.

**Warranty:** 8-year limited warranty

### 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:** 0°C to 50°C (32°F to 122°F)

**Transportation Temperature:** -10°C to 50°C (14°F to 122°F) for up to two days. If the device has been stored below 0°C (32°F), it should be returned to an ambient temperature of between 0°C to 50°C (32°F to 122°F) for at least 24 hours before use.

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

**Enclosure:** IEC/EN 60529 IP56

**Altitude:** 0 to 4 575 metres (0 to 15 000 feet)

**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 (ETSO-C142a)

**Falling Height:** 1 metre (3.3 feet)

### Energy Selection

**Pad-Pak:** Shock1:150J; Shock2:150J; Shock3:200J

**Paediatric-Pak:** Shock1:50J; Shock2:50J; Shock3:50J

### 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-03) and Paediatric Pad-Pak (Pad-Pak-04)**

**\*ETSO-certified aviation Pad-Pak also available.**

**Shelf Life/Standby Life:** See the expiration date on the Pad-Pak/ Paediatric-Pak (4 years from manufacture date)

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

**Size:** 10cm x 13.3cm x 2.4cm (3.93in x 5.24in x .94in)

**Battery Type:** Disposable single-use combined battery and defibrillation electrode cartridge (lithium manganese dioxide (LiMnO<sub>2</sub>) 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 (Paediatric).

**Electrode Active Area:** 100 cm<sup>2</sup> (15 in<sup>2</sup>)

**Electrode Cable Length:** 1 metre (3.3 feet)

**Aircraft Safety Test (ETSO-certified Pad-Pak):**

RTCA/DO-227 (ETSO-C142a)

1. Walsh SJ, McClelland A, Owens CG, Allen J, McCanderson J, Turner C, Adgey J. Efficacy of distinct energy delivery protocols comparing two biphasic defibrillators for cardiac arrest. Am J Cardiol. 2004;94:378–380.
2. Warning: The SAM 360P is a fully automatic defibrillator. When required, it will deliver a shock to the patient WITHOUT user intervention.



Simply Saving Lives

