



HEARTSINE 360P

COMPACT, EASY-TO-USE, LIFESAVING TECHNOLOGY



Sudden Cardiac Arrest (SCA) is a leading cause of death globally. As response time is critical for survival, the use of an AED can increase the survival rate from 5% up to 70%, if used within the first few minutes of the SCA.

The samaritan® PAD family of public access defibrillators is designed especially for use un public areas by providing a sophisticated defibrillator for adult or pediatric use, inside a lightweight and easy-to-operate system. Offering all the key features of the samaritan PAD products, the samaritan PAD 360P is a fully automatic defibrillator designed to analyse heart rhythm and automatically deliver a life-saving electrical shock (if needed). The SAM 360P also includes a motion detection feature to warn users of excessive or unexpected patient movement.

EASY-TO-FOLLOW GUIDES

One-button operation. The samaritan PAD 360P only has one button – ON/OFF, ensuring straightforward operation for all levels of rescuer.

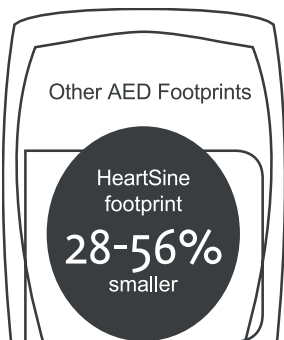
User-friendly. The samaritan PAD 360P features easy-to-understand visual and voice prompts that guide a user through the process including CPR coaching.

Automatic Shock Delivery. After analysing heart rhythm, the samaritan PAD 360P will automatically deliver a shock (if needed), eliminating the need for the rescuer to push a shock button.

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.



COMPACT IN SIZE, BIG ON ABILITY



Highest level of dust/moisture protection. The samaritan PAD has a rating of IP56, providing the 360P defibrillator with the highest level of protection from dust or moisture ingress in the industry.

Durable. The samaritan PAD 360P resists shock and vibration and comes with a shock-proof carry case free of charge

Advanced technology. The samaritan PAD 360P utilizes proprietary electrode technology, advanced and stable firmware, and proprietary SCOPE™* Biphasic Technology to assess rhythm and recommend defibrillation is necessary.

*See overleaf for more information



PAD PAK TECHNOLOGY

Low cost of ownership.

Pad Pak cartridge has a shelf life of four years from date of manufacture, offering significant savings over other defibrillators that require separate battery and pad units.



Two parts, one expiration date.

Cartridge combines battery and electrode pads, with one expiration date to monitor.

Great for children.

The HeartSine PAD's built-in intelligence and unique pediatric Pad-Pak ensure the appropriate energy level is delivered for children.

TECHNICAL SPECIFICATIONS

PHYSICAL WITH PAD-PAK™ INSERTED

Size:	20 cm x 18.4 cm x 4.8 cm
Weight:	1.1kg including Pad-Pak battery

DEFIBRILLATOR

Waveform:	Self-Compensating Output Pulse Envelope (SCOPE) Biphasic waveform. Optimized biphasic escalating waveform compensates energy, slope and envelope 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 ISO 60601-2-4

ENVIRONMENTAL

Operating/Standby Temperature:	0°C to 50°C
Temporary Transportation Temperature:	-10°C to 50°C 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 – 4,575 meters
Shock	MIL STD 810F Method 516.5, Procedure I (40 Gs)
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
Radiated emissions:	EN55011
Electrostatic Discharge RF Immunity:	EN61000-4-3 80MHZ-2.5GHZ (10 V/m)
Magnetic Field Immunity:	EN61000-4-8 (3 A/m)
Aircraft:	RTCA/DO-160F, Section 21 (Category M)
Drop Tested:	1 metre

ENERGY SELECTION

Adult:	Shock 1: 150J; Shock 2: 150J; Shock 3: 200J
Paediatric:	Shock 1: 50J; Shock 2: 50J; Shock 3: 50J

CHARGING TIME

New Battery:	Typically 150J in < 8 seconds, 200J in < 12 seconds
After 6 Discharges:	Typically 150J in < 8 seconds, 200J in < 12 seconds

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

Housing	ABS, Santoprene
Electrodes	Hydrogel, Silver, Aluminium and Polyester

PAD PAK - ELECTRODE & BATTERY CARTRIDGE

Shelf Life:	4 years from manufacture date
Weight:	0.2kg
Size:	10 cm x 13.3 cm x 2.4 cm
Battery Type:	Lithium Manganese Dioxide (LiMnO ₂)
Capacity:	> 60 shocks at 200J 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:	100 cm ²
Cable Length:	1 metre

