

Samaritan® PAD 360P. Automated External Defibrillator (AED).

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% to 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 in 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.

Features and benefits

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.

Portable and lightweight

The Samaritan PAD is lighter (1.1kg) and smaller than most other AEDs on the market.

Durable

The Samaritan PAD 360P is built to last and carries an IP56 rating which represents high resistance to dust and water. The device comes with a 10 year unit warranty.

Advanced technology

The Samaritan PAD 360P utilises proprietary electrode technology, advanced and stable firmware, and proprietary SCOPE™ biphasic technology (an escalating and low-energy waveform that automatically adjusts for patient impedance differences) to assess rhythm and recommend defibrillation if necessary.

User-friendly

The Samaritan PAD 360P has easy to understand visual and voice prompts that guide a user during resuscitation.



Visual cues prompt pad placement



Stand clear of the patient



It is safe to touch the patient

One-button operation

The Samaritan 360P only has a single ON/OFF button for 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.

Two parts, one expiration date

Pad-Pak™ cartridge combines battery and electrode pads, with one expiration date to monitor.

Low cost of ownership

The cartridge has a shelf life of 4 years from date of manufacture, offering significant savings over other defibrillators that require separate battery and pad units.

To find out more call **0161 930 6010** or visit www.boclifeline.co.uk

Technical overview

Physical with Pad-Pak™ inserted

Size	8.0 in x 7.25 in x 1.9 in (20cm x 18.4cm x 4.8cm)
Weight	2.4 lbs (1,1 kg)

Patient analysis and energy selection

Method	Evaluates patient's ECG, signal quality, electrode contact integrity and patient impedance to determine if defibrillation is required
Sensitivity/Specificity Adult	Meets ISO 60601-2-4 & AAMI DF80 1st Shock 150J; 2nd Shock 150J; 3rd Shock 200J
Paediatric	50J

Environmental

Operating/Standby Temperature	0°C to 50°C (+32°F to +122°F)
Temporary Transportation Temperature	-10°C to 50°C (14°F to 122°F) 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 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,
Radiated Emissions	EN55011
Electrostatic Discharge RF Immunity	EN61000-4-3:2001 80MHZ-2.5GHZ (10V/m)
Magnetic Field Immunity Aircraft	EN61000-4-8:2001 (3 A/m) RTCA/DO-160F: 1997, Section 21 (Category M)
Falling Height	1 meter

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, Aluminum, Polyester

Pad-Pak – Electrode and Battery Cartridge Adult Pad-Pak and Paediatric Pad-Pak

Shelf Life	4 years from manufacture date
Weight	0.44 lbs (0.2kg)
Battery Type	Lithium Manganese Dioxide (LiMnO ₂)
Cable Length	3.3 ft (1m)
Capacity	up to 60 shocks at 200J 18V, 1.5 Amp Hrs
Placement	Anterior-lateral (Adult); Anterior-posterior (Paediatric)
Active Gel Area	100cm ²

Each AED package includes (1) defibrillator with carry case, adult electrode and battery cartridge, (1) USB cable.

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

HeartSine Samaritan is a trademark of HeartSine Technologies Ltd.

BOC Healthcare is an authorised distributor of Automated External Defibrillators manufactured by HeartSine Technologies Ltd

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