

Samaritan® PAD 350P. Automated External Defibrillator (AED).

Compact, easy to use, lifesaving technology

Sudden Cardiac Arrest (SCA) is the ultimate medical emergency and the response time is critical for survival¹. The Heartsine Samaritan PAD 350P was designed especially for use in public areas and can be used in treating either an adult or paediatric patient who has had a sudden cardiac arrest.

Features and benefits

Portable and lightweight

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

Durable

The Samaritan PAD 350P 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 350P 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 350P has easy to understand visual and voice prompts that guide a user during resuscitation.

Two-button operation

Only two buttons, ON/OFF and SHOCK, are required, providing straightforward 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.



Visual cues prompt pad placement



Stand clear of the patient



It is safe to touch the patient

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	Meets ISO 60601-2-4 & AAMI DF80
Adult	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

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	3.5 ft (1m)

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

Reference

1. The Resuscitation Council UK. Resuscitation Guidelines 2010.

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