

Samaritan® PAD 500P with CPR advisor. Automated External Defibrillator (AED)

Defibrillation is easy, CPR is the hard part

Regardless of whether it is a lay person or a professional rescuer, the European Resuscitation Council (ERC) guidelines place great emphasis on the importance of effective Cardio Pulmonary Resuscitation (CPR) in the event of sudden cardiac arrest. The HeartSine Samaritan PAD 500P supports the ERC guidelines and guides users to deliver effective CPR.

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 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.

User-friendly

The Samaritan PAD 500P 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 device is operational and ready for use. The device automatically runs a self check each week.

Two parts, one expiration date

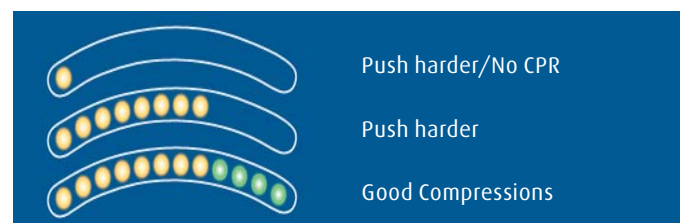
Pad-Pak™ cartridge combines battery and electrode pads, with one expiration date to monitor.

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.



The 500P has a patented Impedance Cardiogram (ICG) analysis technology which provides feedback on the pace and pressure of compressions during CPR. The simple objective is to ensure that the green indicators are on during CPR with the voice prompting “good compressions”. The CPR advisor is de-activated when the paediatric-pak is in use.



The device does not remove the need for CPR training, BOC Healthcare strongly recommends users take a training course on CPR.

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	EN61000-4-3:2001 80MHZ-2.5GHZ
RF Immunity	(10V/m)
Magnetic Field Immunity	EN61000-4-8:2001 (3 A/m)
Aircraft	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

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