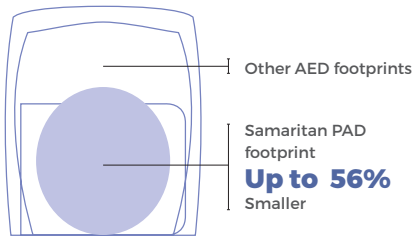
Samaritan® PAD 360P

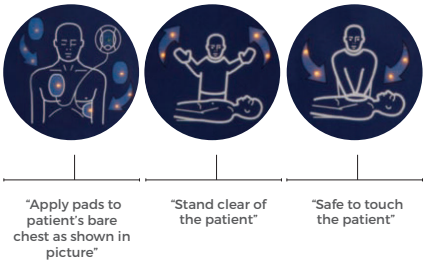
Fully Automatic Public Access Defibrillator

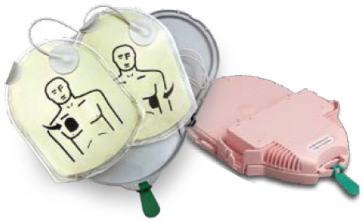
Compact, Easy-to-Use, Lifesaving Technology

Sudden cardiac arrest strikes 7 million people a year worldwide with no warning and no pattern. There's little time to react and even less time to think. This means an Automated External Defibrillator (AED) must be close at hand, easy to use and ready to shock.

The HeartSine® samaritan® PAD 360P (SAM 360P) offers industry-leading value and environmental protection, all in an easy-to-operate fully automatic system in the smallest and lightest package available. The SAM 360P detects motion or other significant interference to ensure the rhythm is shockable and to reduce the likelihood that the user is touching the patient prior to shock delivery.







Ready to Shock

PORTABLE AND LIGHTWEIGHT. The HeartSine samaritan PAD is much lighter 1.1 kg and smaller than other defibrillators.

HIGHEST LEVEL OF PROTECTION AGAINST DUST AND WATER. With its IP56 rating, the HeartSine samaritan PAD 360P defibrillator offers unmatched ruggedness.

CLINICALLY VALIDATED TECHNOLOGY.[1] The HeartSine samaritan PAD 360P utilises proprietary electrode technology and SCOPE™ biphasic technology, an escalating, low-energy waveform that automatically adjusts for differences in patient impedance.

Easy-to-Follow Visual and Verbal Guides

USER-FRIENDLY. Easy-to-understand visual and voice prompts guide the rescuer through the entire resuscitation process, including CPR—a key link in the chain of survival.

ONE-BUTTON OPERATION. Only one button, ON/OFF, for straightforward operation.

AUTOMATIC SHOCK DELIVERY. After analysing heart rhythm, the samaritan PAD 360P2 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.

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.

LOW COST OF OWNERSHIP. With a shelf life of four years from date of manufacture, the Pad-Pak offers significant savings over other defibrillators that require separate battery and pad units.

PAD-PAK AND PEDIATRIC-PAK WITH PRE-ATTACHED ELECTRODES. The HeartSine samaritan PAD's built-in intelligence and unique Paediatric-Pak ensure the appropriate energy level is delivered for children, between 1 and 8 years of age or up to 25 kg.

CPR Advisor is deactivated when the Paediatric-Pak is in use.

1800 620 816
bradyid.com.au

Physical	With Pad-Pak™ Inserted
Size:	20 cm x 18.4 cm x 4.8 cm
Weight:	1.1 kg

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

Patient Analysis System	
Method:	Evaluates patient's ECG, signal quality, electrode contact integrity and patient impedance to determine if defibrillation is require
Sensitivity/Specificity:	Meets IEC/EN 60601-2-4
Impedance Range:	20 - 230 ohms

Environmental	
Operating/Standby Temperature:	0˚C to 50˚C
Transportation Temperature:	-10˚C to 50˚C for up to two days. If the device has been stored below 0˚C, it should be returned to an ambient temperature of between 0˚C to 50˚C 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
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 meter

Energy Selection	
Pad-Pak:	Shock 1: 150J; Shock 2: 150J; Shock 3: 200J
Paediatric-Pak:	Shock 1: 50J; Shock 2: 50J; Shock 3: 50J

Charging Time	
New Battery:	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 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:	See the expiration date on the Pad-Pak/Paediatric-Pak (4 years from manufacture date)
Weight:	0.2 kg
Size:	10 cm x 13.3 cm x 2.4 cm
Battery Type:	Disposable single-use combined battery and defibrillation electrode cartridge (lithium manganese dioxide (LiMnO2) 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 cm2
Electrode Cable Length:	1 metre
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. 2. Warning: The SAM 360P is a fully automatic defibrillator. When required, it will deliver a shock to the patient WITHOUT user intervention.