

# IPAD

Intelligent Public Access Defibrillator



## iPAD SP1 Automated External Defibrillators



iPAD SP1 Carry Case

iPAD SP1 Fully Automatic

iPAD SP1 Semi Automatic

Semi or fully automatic. The choice is yours.

#creatinglifesavers

# Trusted technology, proven simplicity... Because life matters

The iPad SP1 has innovative features and uses advanced technology to save precious seconds when every second counts.



T: **03333 444789**



iPAD SP1 Fully Automatic

iPAD SP1 Semi Automatic



# Features

- ✓ Robust one-piece design
- ✓ Simple switch from adult to child mode
- ✓ Dual adult/child electrode pads
- ✓ Ambient noise detector
- ✓ CPR detection & metronome
- ✓ Pad life indicator
- ✓ Battery level indicator
- ✓ Operational status indicator
- ✓ Clear visual & verbal guidance
- ✓ Large internal memory can store 5 events, up to 3 hours per event
- ✓ Simple data access with SD card download
- ✓ Free software
- ✓ Remote data conversion service





# Benefits

## **Save precious seconds when a child's life is in your hands**

The iPAD SP1 comes with dual adult and child electrode pads. There is a simple switch to select the adult or child setting. No pad changes or setting changes are required.

## **Audible instructions always heard in noisy environments**

The iPAD SP1 has an ambient noise detector. In a noisy environment, the volume of the voice prompts will automatically increase up to 90 decibels. Verbal guidance will always be heard above high levels of background noise.

## **Nothing to break or lose with robust one-piece design**

Well reputed for its high quality construction, the iPAD can be relied on to perform and endure emergency usage time after time.

## **Makes saving someone's life as simple as possible**

The iPAD SP1 intelligently guides a rescuer at the pace at which they work. Large, clear illuminated instructions and calm voice prompts give guidance at every step.

## **If data is required, data download is simple with the device in situ**

Up to 15 hours of usage can be stored in the memory of the SP1. Should the data be required, the download process can be performed with a simple SD card. The device does not need to be sent away.

## **Highly responsive when it matters most**

The iPAD uses the latest in defibrillation technology to ensure that the device works as quickly as possible. After a cycle of 2 minutes of CPR, the device can perform analysis and be ready for shock delivery in less than 5 seconds.

# More than just an AED

Additional support options are available as standard to make the installation and long-term care of your defibrillator as simple and worry-free as possible:

- ✓ Support with Ambulance Service integration
- ✓ Dedicated iPad AED helpline
- ✓ Online data upload and conversion service
- ✓ 7 year warranty as standard
- ✓ Free upgrade to unrivalled 10 year warranty upon registration
- ✓ PR and marketing support
- ✓ Training resources: videos and quick reference guides



# Device Specifications - Model Name: CU-SP1

## Physical

<b>Category</b>	Nominal Specifications
<b>Dimensions</b>	260mm x 256mm x 69.5mm (Width x Length x Height)
<b>Weight</b>	2.4kg (Including the battery pack and pads)

## Environmental

<b>Category</b>	Nominal Specifications
<b>Operational Status</b>	(The device is in emergency use) Temperature: 0°C ~ 43°C (32°F ~ 109°F) Humidity: 5% ~ 95% (non condensing)
<b>Standby Status</b>	(The device is stored together with the defibrillator pads and the battery pack is inserted — ready to be used in an emergency) Temperature: 0°C~ 43°C (32°F ~ 109°F) Humidity: 5% ~ 95% (non condensing)
<b>Altitude</b>	0 to 15,000 feet (operational and storage)
<b>Drop Withstands</b>	1.2-meter drop to any edge, corner, or surface
<b>Vibration</b>	Operating: Meets MIL-STD-810G Fig.514.6E-1, random Standby: Meets MIL-STD-810G Fig.514.6E-2, swept sine (helicopter)
<b>Sealing</b>	IEC 60529: IP55
<b>ESD</b>	Meets IEC 61000-4-2:2001
<b>EMI (Radiated)</b>	Meets IEC 60601-1-2 limits, method EN 55011:2007 +A2:2007, Group 1, Class B
<b>EMI (Immunity)</b>	Meets IEC 60601-1-2 limits, method EN 61000-4-3:2006 +A1:2008 Level 3 (10V/m 80MHz to 2500MHz)

## Defibrillator

<b>Category</b>	Nominal Specifications
<b>Operating Mode</b>	Fully-automatic or Semi-automated
<b>Waveform</b>	e-cube biphasic (Truncated exponential type)
<b>Output Energy</b>	150 J at 50 $\Omega$ load for adults 50 J at 50 $\Omega$ load for children
<b>Charge Control</b>	Controlled by an automated patient analysis system
<b>Energy Storage</b>	10 seconds, typical. Using new disposable LiMnO <sub>2</sub> battery pack (at 20°C)
<b>Charging Time</b>	11 seconds, typical. Using new disposable LiMnO <sub>2</sub> battery pack, depleted by 15 discharges at 200 Joules per discharge (at 20°C)
<b>Time from CPR to Shock</b>	Less than 6 seconds from the completion of CPR to shock delivery
<b>Discharge</b>	The device performs a self-discharge in the following events: <ul style="list-style-type: none"><li>• When the patient's ECG changes to a rhythm that does not require defibrillation.</li><li>• When the device is turned off by pressing the Power Button for at least a second.</li><li>• When the pad is detached from the patient's body or the pad connector is detached from the device.</li><li>• When the impedance of the patient is out of the range of defibrillation (25 <math>\Omega</math> ~ 175 <math>\Omega</math>)</li><li>• (Semi-automatic only) When the shock button is not pressed within 15 seconds from the completion of the charge</li></ul>
<b>Fully-Automatic Shock</b>	Shock is automatically delivered if a shockable rhythm is detected

Get in touch to find out more

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