



CU MEDICAL AED BROCHURE



**SAVE A LIFE WITH TRUSTED
TECHNOLOGY & PROVEN SUCCESS**



**CONTACT
QUREMED**

Telephone: 1300 787 379 | Email: admin@quiremed.com
Address: 38 Hector Street W, Osborne Park WA 6017

Popular and reliable public access AED.

The CU-SP1 supports adult and paediatric pads and has an adult / paediatric mode switch as an added safety feature.

Its intuitive design and lighted indicators help anyone to efficiently and confidently carry out CPR and resuscitation.



CLEAR AND USER FRIENDLY TO OPERATE AND MAINTAIN

Guidance at every step with clear illuminated illustrations, calm voice prompts & large responsive buttons.



AUTOMATIC ADJUSTMENT TO BACKGROUND NOISE

Voice prompts can adjust up to 90 decibels, so it can always be heard easily in noisy environments.



SIMPLE SWITCH FROM ADULT TO CHILD MODE

Same set of electrode pads for both adults and children. No additional pads are required, saving time and expense.



CPR DETECTION & METRONOME

Detects if CPR is being performed. If CPR is not being performed, prompts the first responder to 'perform CPR', and encourages responder to "continue CPR"



PRE-CONNECTED ADULT/CHILD SMART ELECTRODE PADS

Pad indicator displays illustrates pad life remaining, with verbal instructions to "replace pads" or to "connect pads".



PLUG-IN PAD ADAPTERS TO STOP PAD CHANGES WHEN BACKUP ARRIVES

Pad compatibility with Ambulance Services streamlines the handover of a patient to advanced care.

CU-SP1 TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 260mm x 256mm x 69.5mm (WxLxH)
Weight: 2.4kg (Including battery pack + pads)

DEFIBRILLATOR

Operating Mode: Semi-automated
Waveform: E-cube biphasic (Truncated exponential type)
Output Energy: 150J/200 J at 50 Ω load for adults
50J at 50 Ω load for children
Charge Control: Automated patient analysis system
Charging Time: Less than 10 seconds
Time from CPR to Shock: At least 6 seconds from the completion of CPR to shock delivery. Patient's heart rhythm changes to non-shockable rhythm
Disarm: If SHOCK button is not pressed within 15 seconds
Patient Isolation: Type BF

ECG ACQUISITION

Acquired ECG Lead: Lead II
Frequency: 1 Hz to 30 Hz

ECG ANALYSIS

Impedance Range: 250 - 1750
Shockable Rhythms: Ventricular Fibrillation & Fast Ventricular Tachycardia

CONTROLS & INDICATORS

Controls: Power Button, i-Button, Shock Button, Adult/Pediatric Selection Switch
Indicators: Do-Not-Touch-Patient, Pads Patch Position Indicators, Pads Connector Status Indicator, CPR Detection Indicator, Shock Button, Blue i-Button, Red i-Button

SELF TEST

Automatic: Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual: Battery Pack Insertion Test

BATTERY PACK

Battery Type: 12V DC, 4.2Ah LiMnO₂, Disposable
Capacity: ~200 shocks for a new battery or 8 hours of operating time, ~5 year standby time



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The fully automatic version of the popular CU-SP1 public access AED.

Ideal for first-time rescuers and public locations. Its LCD screen allows quick pads and battery status monitoring and helps ensure device readiness.

Ambient noise detection and volume adjustment ensure anyone can quickly and effectively use CU-SP1 AUTO.



CLEAR AND USER FRIENDLY TO OPERATE AND MAINTAIN

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AUTOMATIC ADJUSTMENT TO BACKGROUND NOISE

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SIMPLE SWITCH FROM ADULT TO CHILD MODE

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CPR DETECTION & METRONOME

Detects if CPR is being performed. If CPR is not being performed, prompts the first responder to 'perform CPR', and encourages responder to "continue CPR"



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CU-SP1 TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 260mm x 256mm x 69.5mm (WxLxH)
Weight: 2.4kg (Including battery pack + pads)

DEFIBRILLATOR

Operating Mode: Fully Automated
Waveform: E-cube biphasic (Truncated exponential type)
Output Energy: 150J/200 J at 50 Ω load for adults
50J at 50 Ω load for children
Automated patient analysis system
Charge Control: Automated patient analysis system
Charging Time: Less than 10 seconds
Time from CPR to Shock: At least 6 seconds from the completion of CPR to shock delivery. Patient's heart rhythm changes to non-shockable rhythm
Disarm: Patient's heart rhythm changes to non-shockable rhythm
Patient Isolation: Type BF

ECG ACQUISITION

Acquired ECG Lead: Lead II
Frequency: 1 Hz to 30 Hz

ECG ANALYSIS

Impedance Range: 250 - 1750
Shockable Rhythms: Ventricular Fibrillation & Fast Ventricular Tachycardia

CONTROLS & INDICATORS

Controls: Power Button, i-Button, Adult/Pediatric Selection Switch
Indicators: Do-Not-Touch-Patient, Pads Patch Position Indicators, Pads Connector Status Indicator, CPR Detection Indicator, Shock Button, Blue i-Button, Red i-Button

SELF TEST

Automatic: Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual: Battery Pack Insertion Test

BATTERY PACK

Battery Type: 12V DC, 4.2Ah LiMnO₂, Disposable
Capacity: ~200 shocks for a new battery or 8 hours of operating time, ~5 year standby time



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Light weight and robust emergency care defibrillator with color LCD screen designed to support ECG monitoring, AED, and manual defibrillation rescue operations.

Optional printing and 3 lead monitoring functions help professional rescue personnel to give the best care possible in various conditions for extended periods.



FULL COLOUR SCREEN WITH 3 MODES

Soft key selection of AED, Monitor or Manual mode. Allows a trained rescuer to make a clinical decision based on interpretation of a basic II lead ECG via the electrode pads, or 3 lead ECG provided via the Bluetooth ECG module.



MULTIPLE EVENT RECORDING & SIMPLE DATA DOWNLOAD

Allows crucial handover information to be simply available, improving ongoing patient care.



MODULAR SYSTEM WITH OPTIONAL BOLT-ONS

The level functionality required can be specified. Manual mode, Bluetooth monitoring & printing are bolt-on options that can be supplied for appropriate end users.



ON SCREEN PRINTABLE DATA REVIEW & ECG PLAYBACK

Important clinical information instantly available for review & handover with a printing option.



BLUETOOTH MONITORING & PRINTING

A 3 lead ECG & full or partial print out can be obtained on scene.



PLUG-IN PAD ADAPTERS TO STOP PAD CHANGES WHEN BACKUP ARRIVES

Pad compatibility with Ambulance Services streamlines the handover to of a patient to advanced care.



BMANUAL OVERRIDE

Trained Medical Professionals can use the on screen ECG to determine if a shock should be delivered and to select the appropriate energy level from 150J down to 2J.



SYNCHRONISED CARIOVERSION

For advanced medical users, synchronised cardioversion can be performed.

CU-SP2 TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 260mm x 256mm x 69.5mm (WxLxH)
Weight: 2.4kg (Including battery pack + pads)

DEFIBRILLATOR

Operating Mode: Dual Mode (Semi-automated & manual)
Waveform: E-cube biphasic (Truncated exponential type)
Output Energy: 150J+-4J, 200J+-6J at 50Ω load for adults
50J+-2J at 50Ω load for children
Manual Output Energy: 2J±1J, 3J±1J, 5J±1J, 7J±1J, 10J±1J, 20J±2J, 30J±2J,
Charge Control: 50J±2J, 70J±2J, 100J±4J, 150J±4J, 200J±6J at 50Ω load
Charging Time: Automated patient analysis system
Time from CPR to Shock: Less than 10 seconds
At least 6 seconds from the completion of CPR to shock delivery.

Disarm: Patient's heart rhythm changes to non-shockable rhythm OR Shock button not pressed within 15 sec
Patient Isolation: Type BF

ECG ACQUISITION

Acquired ECG Lead: Lead II
Frequency: 1 Hz to 30 Hz

ECG ANALYSIS

Impedance Range: 250 - 1750
Shockable Rhythms: Ventricular Fibrillation & Fast Ventricular Tachycardia

CONTROLS & INDICATORS

Controls: Power Button, i-Button, Shock Button, 3 Soft Keys
Indicators: LCD Screen, CPR Detection Indicator, Shock Button, Blue i-Button, Red i-Button
Prompts: Voice Prompts, Beeper, Battery level on screen & Low battery flashing red i-button

SELF TEST

Automatic: Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual: Battery Pack Insertion Test

BATTERY PACK

Battery Type: 10.8VDC, 2.5Ah Li-ion, rechargeable
Capacity: At least 60 shocks for a new battery or 3 hours of operating time
Charging Time: 3 hours to 100%



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Trainer unit for CU-SPT with various training scenarios that allows for complete training in the use of the CU-SPT device as well as other AEDs.

Essential for large organisations and rescue operators.

KEY FEATURES

- Reusable training pads
- Infrared remote control
- No actual shock delivered
- 8 training scenario settings
- Real-life training for all CU-SPT functions



SIMULATION OF THE FEATURES & FUNCTIONS OF IPAD SPT AED

Provides a realistic experience for those learning how to use the iPAD SPT, enabling them to become familiar with the device.



SUPPLIED WITH INFRARED REMOTE CONTROL

This can reproduce all 8 scenarios above as well as situations such as low battery, pads off and volume control.



OPERATED BY & SUPPLIED WITH STANDARD BATTERIES

The training unit & remote control are powered by the standard batteries supplied with it. No specialist replacements are required.



SUPPLIED WITH A SET OF IPAD SPT TRAINING PADS

The training pads are especially designed for training purposes.



EIGHT DIFFERENT TRAINING SCENARIOS

Giving learners confidence in a range of scenarios that they might encounter in an emergency.

CU-SPT TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 260mm x 256mm x 69.5mm (WxLxH)

BATTERY PACK

Battery Type: 6 AA Batteries

ENVIRONMENTAL

Operating Conditions: Temperature: 15 °C to 35 °C (59 °F to 95 °F)
Humidity: 5 % to 95 % (non-condensing)

Storage Conditions: Temperature: 0 °C to 43 °C (32 °F to 109 °F)
Humidity: 5 % to 95 % (non-condensing)



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ACCESSORIES & OPTIONAL CONSUMABLES



**SP1 / SP2 ADULT
DISPOSABLE PADS**
CU-A1007S



**SP1 / SP2 PAEDIATRIC
DISPOSABLE PADS**
CU-A1102S



**SP1 / SP2 BATTERY
PACK DISP**
CU-SA1103BB



SP1 CARRY CASE
CU-SP1-A-BAG-3010



SP1 WALL BRACKET
CU-SP1-A12



SP1 WALL CABINET
CU-SP1A08



SP1 TRAINER CARRY CASE
CU-SPT-0A03-BAG



SP2 CARRY CASE
CU-SP2-A-BAG-3010

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