

i-PAD CU-SP1

(Intelligent Public Access Defibrillator)

Defibrillation capability for the general public

Key Features

- Ambient noise detection(Auto volume adjusting)
- CPR detection
- Pads and battery status indicator
- Multi events recording
- Easy communication with CU-EX1 software
- Low cost of ownership

Specifications

DEFIBRILLATOR

- Model : IPAD CU-SP1
- Standard Package : Defibrillator, Pads, Battery, Manual
- Output Energy : Adult-150Joules / Pediatric-50Joules(Common usage)
- Charging Time
Charging time : Less than 10 seconds
Charging time after CPR finished : At least 6 seconds

User Interface

- User Support : Detailed voice prompts and flashing indicators
- CPR guidance : Voice prompts for how to perform CPR for adult and child patient
- Controls : On/Off button, I button, Shock button
- Indicator : LCD display(Device status, Battery status, Pads status)
- Sensing : Pads expiring date, Pads connection status
- CPR monitoring
- Automatic Volume adjusting

Environment

- Sealing :
Waterjet proof IPX5 per IEC60529(IP55)
Dust protected IP5X per IEC60529
- Temperature : Operation/Standby (0 ~43°C)
- Vibration : Meets MILSTD 810G

Data Recording and Transmission

- IrDA port : Wireless transmission of event data to PC, SD card
- Internal Memory : ECG, Event
- Storage Capacity : Multi Recording 5 events / Max 3 hours
- Data Review PC Program : CU-EX1

Patient Analysis System

- Patient Analysis : Shockable rhythms (Ventricular Fibrillation, Ventricular Tachycardia)
- Sensitivity/Specificity : Meets AAMI DF80 Guideline

Battery

- Standard Capacity : - Type : DC 12 volt 2.8Ah, Lithium manganese dioxide
- Capacity : Minimum 50 shocks(150J)
- High Capacity : - Type : DC 12 volt 4.2Ah, Lithium manganese dioxide
- Capacity : Minimum 200 shocks(150J)
- Lifespan : 5 years (high capacity battery)
(With the condition of the temperature of operation/standby, standby mode after the first initial check)



• Size : 260×256×69.5 (W×L×H, mm)
• Weight : 2.4kg

Parts & Accessories

Standard Package

- Device
- Multifunction Defib. Pads
- Disposable LiMnO₂ Battery Pack
- User's Guide

Option

- Carrying case
- SD card
- Software for data management with key file
- Wall bracket - Wall cabinet



CU-SP1 Trainer

- 8 Standard rescue scenarios
- Powered by AAA disposable, rechargeable battery
- Simulates all the functions of CU-SP1



Auto volume adjusting, upto 90db
Ambient noise detector measures level of background noise and adjusts the volume of the voice prompts accordingly.



Smart pads storage, underneath the device
Integrated pad storage
- electrode pads are stored, pre-connected, in a clear compartment on the underside of the unit.



Smart CPR detection
- If CPR is not being performed, voice prompts encourage the responder to 'perform CPR'
- If CPR is being performed, voice prompts encourage the responder to 'continue CPR'



Easy communication
- Internal memory stores the last 5 events/3 hours of data
- Data can be transferred via the built in SD card and IrDA ports



Patient mode switch
- Easily switch from Adult to Child mode without changing pads
- Safety cover prevents accidental switching