

Paramedic CU-ER2

(Dual Mode Defibrillator)

Someone goes down in sudden cardiac arrest...
Build up more chances of saving lives with Paramedic Series.

Key Features



- AED and Manual Mode Defibrillation
- Synchronized Cardioversion
- ECG Monitoring (3 Lead ECG Cable)
- CPR Coaching in AED
- Lightweight (2.7kg) and highly portable
- Efficient and effective *e~cube* Biphasic Truncated Exponential shock waveform
- versatile Power Supply
 - Internal rechargeable battery pack
 - External disposable battery pack
 - AC/DC adapter
 - Car cigar lighter jack
- intelligent Data Management System
 - ECG of the patient is recorded all throughout the rescue operation.
 - Relevant events (e.g. shock advised, charging, shock delivery) are recorded together with timestamp.
 - Recorded data may be transferred to a PC for archiving and review.
 - Recorded data may be reviewed in the device.
- Automatic and Operator Initiated Self-Tests (power on / run-time / daily / weekly / monthly test)

SPECIFICATIONS CU-ER1, CU-ER2, CU-ER3

Common

- **ECG Monitor**
 - Patient Connection : Defibrillation Pads, ECG Electrodes
 - Bandwidth : Monitoring Mode : 0.3 to 40Hz (-3dB)
 - EMS Mode : 1 ~ 30Hz
 - Heart Rate : Digital 30 to 300 bpm (±3bpm)
- **Defibrillator**
 - Waveform : *e~cube* Biphasic (Biphasic Truncated Exponential type)
 - Charging Time : Less than 10 seconds
 - Sensitivity & Specificity : Meets AAMI guidelines
 - Defibrillation Electrodes : Multifunctional electrodes (disposable, Pre-gelled)
- **Voice & Text Prompts**
 - Voice Prompts guide the user through the rescue protocol
 - All user interfaces are supported in local language
- **Data Storage & Management**
 - Internal Flash Memory : 12 Hours of event and ECG recording
 - SmartMedia Card(32M) : 42 hours of event and ECG recording or 1 hour if voice recording is enabled
 - Review the Patient ECG, incident details and device information
 - Transmit multi patient data to PC
- **Display**
 - Screen Type : High resolution display (Graphic LCD)
 - Screen Size : 4 inches (10.16 cm) diagonal, 320 X 240 pixels
 - Sweep Speed : 25mm / sec, nominal
 - Viewing Time : 3.2 seconds
- **Automatic Self-Test**
 - Power on Self-Test / Run Time Self-Test / Manual Self-Test
 - Periodic Self-Test (daily/weekly/monthly)

- **AC Adapter**
 - Input : 100 ~ 240V AC 50 / 60Hz 170VA
 - Output : +12V DC 3.6A
- **Battery Pack**
 - 12V 4.5Ah Nickel-Metal Hydride battery pack (Rechargeable)
 - Charging time : Minimum of 4 hours for full charging
 - Capacity : when new, minimum of 200 shock deliveries (Fully charged)
- **External Link**
 - UART port
 - IrDA port

Parts & Accessories

Standard Package

- Device
- Defi pads
- Power cord
- AC adapter
- NI-MH battery
- User's guide
- Quick reference card
- SpO₂ Probe (only for CU-ER3)

Optional

- Carrying case
- SMC card
- Printer
- Ciger lighter jack car
- ECG cable
- Disposable bettery pack
- Software for data managing
- Pediatric pads

Paramedic CU-ER3

(Dual Mode Defibrillator +SpO₂ Monitor)

Key Features



- AED and Manual Mode Defibrillation
- Synchronized Cardioversion
- ECG Monitoring Mode (3 Lead ECG Cable)
- SpO₂ Monitoring (Nellcor SpO₂ Module)
- Heart Rate and SpO₂ Alarm System
- CPR Coaching in AED
- Efficient and Effective *e~cube* Biphasic Truncated Exponential shock waveform
- Lightweight (2.8kg) and Highly Portable
- Versatile Power Supply
- Intelligent Data Management System
- Automatic and Operator Initiated Self-Tests (power on / run-time / daily / weekly / monthly test)

Differences

		CU-ER1	CU-ER2	CU-ER3
ECG Monitor				
ECG Size	auto-scaled 5, 10, 20mm/mV	•	•	•
Defibrillator				
Operating Mode	Semi automatic Manual	•	•	•
Waveform	<i>e~cube</i> Biphasic (BTE type)	•	•	•
Energy	AED Mode 150J (default setting) Manual Mode : Variable energy levels selection (12 steps escalating, 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200J)	•	•	•
Synchronous Cardioversion	Energy delivery begins within 60ms of the QRS peak		•	•
Control	Manual Mode : CHARGE, SYNC(R-wave), DISARM AED Mode : ANALYZE, PAUSE		•	•
SpO₂				
Pulse Rate	20 ~ 250 bpm (±3bpm)			•
Saturation	70 ~ 100% (±3digits)			•
Perfusion	0.2 %			•
Physical				
Size (W X L X H)	254mm X 309mm X 93mm	•	•	•
Weight	Approximately 2.7 kg Approximately 2.8 kg	•	•	•
Patient Isolation	Type BF	•	•	•
Optional Accessories				
ECG Cable	3 Lead	•	•	•
Package Contents				
SpO ₂ Module (Nellcor)				•