

# Paramedic CU-ER5

(Multifunction Defibrillator / Monitor)

The Paramedic CU-ER5 defibrillator / monitor is designed to accommodate both basic and advanced life support personnel.

Made in Korea

## Specifications

### Defibrillation

- ECG Lead Select I, II, III, aVR, aVL, aVF, V, Paddle/Pads, Ext ECG
- Waveform *e~cube* Biphasic (Biphasic Truncated Exponential type)
- Output Energy Manual : 1~10J, 15J, 20J, 30J, 70J, 100J, 120J, 150J, 170J, 200J  
AED : 150J (Fixed)  
Internal Paddle : 1~10J, 15J, 20J, 30J, 50J
- Charge Time Less than 10 seconds to 150J
- Shock Delivery Via multifunction defib. electrode pads or paddle
- Patient Impedance Shock range : 25 Ohm ~ 175 Ohm
- AED Mode Shock advisory sensitivity and specificity meet AAMI DF-80 guidelines
- Synchronous Cardioversion Energy transfer begins within 60ms of QRS peak
- Voice & Text Prompts Multi language support

### ECG Monitoring

- Input Lead I, II, III (3-lead ECG cable)  
Lead I, II, III, aVR, aVL, aVF or V (5-lead ECG cable)
- Heart Rate Display 30 to 300 bpm
- ECG Size 5, 10, 20mm/mV and Auto-gain
- Heart Rate Alarm Less than minimum setting rate /  
Over than maximum setting rate
- Waveform Sweep Speed 25mm/sec

### SpO<sub>2</sub> Pulse Oximetry (Nellcor)

- Saturation 70~100% (±3digits)
- Pulse Rate 20~250bpm (±3bpm)
- Perfusion 0.2%

### Power

#### Internal Battery

- Type Rechargeable / 12V 4.5Ah Ni-MH battery pack
- Capacity When new, minimum of 200 shock deliveries (200J)
- Recharging Time Minimum of 4 hours for full charging

#### External Battery Pack

- Type Disposable / 15V 4.2Ah LiMnO<sub>2</sub> battery pack
- Capacity When new, minimum of 200 shock deliveries (200J)

#### AC/DC Adapter

- Input 100~240V AC 50/60Hz
- Output DC 12V, 3.6A
- Car Cigar Lighter DC 12V

### Physical

- Dimensions Without external paddle : 254\*365\*105 (mm)  
With external paddle : 455\*365\*105 (mm)
- Weight 4.7Kg (with external paddle)

### Environmental Requirement

- Temperature Operation : 0°C ~ 40°C  
Storage : -20°C ~ 60°C
- Humidity 5% ~ 95%



External Paddle  
(Adult, Pediatric)

- Size : 455×365×105 with paddle (W×L×H, mm)
- Weight : 4.7kg (with external paddle)

### Display

- LCD Dimensions 4" diagonal (80mm\*60mm)
- Type High resolution mono graphic LCD
- Resolution 320\*240 pixels
- Wave Viewing Time 3.2 seconds (ECG)
- Back Light EL back light

### Data Storage & Management

- Internal Flash Memory 12 hours of event and ECG recording
- Data Card (SMC 32M) 42 hours of event and ECG recording  
or 1 hours if voice recording is enabled
- Data Transfer to PC UART / IrDA

### Self-Test

- Power on Self-Test
- Run Time Self-Test
- Manual Self-Test
- Periodic Automatic Self-Test (Daily / Weekly / Monthly)

### Parts & Accessories

#### Standard Package

- Device
- External Paddle (Adult, Pediatric)
- 3-Lead ECG Cable
- Power Cord
- AC Adapter
- Internal Battery (Ni-MH)
- User's Guide

#### Option

- Date Card (SMC 32M)
- Thermal Printer
- Printer Paper (10 rolls)
- Cigar Lighter Jack for Car
- Multifunction Defib. Pads
- Adapter for Defib. Pads
- 5-Lead ECG Cable
- ECG Electrodes (50EA)
- SpO<sub>2</sub> module set (probe, extension cable)
- Disposable Battery Pack (LiMnO<sub>2</sub>)
- IrDA Adapter for Data Communication
- Software for Data Management  
with Key File (UART Cable included)