

Defibrillator / Monitor LIFEGAIN CU-HD1



Display

- LCD Dimensions : 7 inch Diagonal (152mm * 91mm)
- Type : TFT Color
- Resolution : 800 * 480 pixels

Defibrillation

- Defib Common
 - ▶ Waveform : Biphasic Truncated Exponential (e-cube)
 - ▶ Charge Time : AC Power : Less than 5 seconds to 200 Joules
Battery : Less than 7 seconds to 200 Joules
- AED Mode
 - ▶ Output Energy : 200J
 - ▶ Shock Delivery : Via multifunction defib electrode pads
 - ▶ AED Develop Guideline : Shock advisory sensitivity and Specificity meet AAMI DF-80 guidelines
 - ▶ Voice & Text Prompts : Guide the user through the protocol
Via multifunction defib electrode pads
- Manual Mode
 - ▶ Output Energy : 1-10J, 15J, 20J, 30J, 50J, 70J, 100J, 120J, (Selected) 150J, 170J, 200J
 - ▶ Shock Delivery : External paddle (with Pediatric), Internal paddle
 - ▶ Synchronous Cardioversion

Printer

- Continuous ECG Strip : Real-Time (8 seconds delay)
- Auto Printing : Recorder can be configured to print marked event, charge, shock and alarms
- Printing Speed : 25mm/s
- Paper : 50mm Width / 40mm Diameters

Automatic Self-Test

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



Dimensions (W x D x H)
318mm x 208mm x 355mm

Power Source

- External Battery Pack : Lithium Polymer
 - ▶ Type : 14.8V 3.1Ah (Rechargeable)
 - ▶ Capacity : When new, minimum of 100 shock deliveries (200J)
- AC Power Module
 - ▶ Output : 18V, 5A

ECG Monitoring

- Input : 3-Lead Cable : I, II, III
5-Lead Cable : I, II, III, aVR, aVL, aVF or V
10-Lead Cable : I, II, III, aVR, aVL, aVF or V1, V2, V3, V4, V5, V6
(Display View : All 12-Lead ECG waves display simultaneously)
- Lead Fault : "Lead Fault" message and dashed line display, if an electrode or lead wire becomes disconnected
- Heart Rate Display : 30 to 300 bpm (± 3 bpm)
- ECG Size : 5, 10, 20mm/mV and Auto-gain
- Heart Rate/Arrhythmia Alarm : HR, Asystole, VF, VT

Noninvasive Pacing

- Waveform : Monophasic Truncated Exponential
- Mode : Demand and Fixed Mode
- Amplitude Accuracy : 0 - 200mA (± 5 mA)
- Pulse Width : 20ms (± 1.5 %)
- Pulse Rate : 30 - 180ppm (± 1.5 %)
- Refractory Period : 340 msec (30 to 80 ppm)
240 msec (90 to 180 ppm)

SpO₂ Pulse Oximetry

- Saturation : 70 - 100% (± 3 digits)
- Pulse Rate : 20 - 250 bpm (± 3 bpm)
- Perfusion : 0.2%
- Module Manufacturer : Nellcor
- SpO₂ Alarm : Less than Minimum setting rate
Over than Maximum setting rate



Data Storage

- External Memory Card : SD Card (ECG data, Event, Voice)

Accessories

- External Paddle
- Internal Paddle
- Internal Paddle Adapter
- Pads
- Pads Adapter
- Car Cigar Lighter Jack
- 3 Lead ECG Cable
- 5 Lead ECG Cable
- 10 Lead ECG Cable
- SpO₂ Finger Probe
- SpO₂ Extension Cable
- Bed Hanger
- Carrying Case
- Cart & Bracket