

Features

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Specifications

Dimensions

Height: 3.3" (8.4 cm)
Width: 8.9" (22.6 cm)
Depth: 9.4" (23.9 cm)
Weight: 5.4 lbs (2.45 kg)

Data Management

Event Documentation: Internal and via Welch Allyn Datacard
Internal Memory Capacity: 1MB: 75 4-sec ECG samples or 500 time-stamped events
Datacard Capacity: 4MB - 90 min of Continuous ECG; 40 min of ECG and audio; 8MB - 3 hrs of Continuous ECG; 80 min of ECG and audio; 16MB - 6 hrs of Continuous ECG; 2.5 hrs of ECG and audio
Playback: Welch Allyn PIC or Smartview
Quick Report: Treatment Summary, Event Log, Test Log
Datacard Compatibility: Compatible with Welch Allyn PIC Advance Life Support Defibrillator
Communication: Serial port via RS-232 to PC and printer

Defibrillator

Output: Biphasic Truncated exponential
Energy Sequence (*user configurable*): Shock 1: 150 J, 200 J; Shock 2: 150 J, 200 J, 300 J; Shock 3: 150 J, 200 J, 300 J, 360 J
Manual Energy Selection (*J*): 2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360
Automatic Energy Selection (*J*): 2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360
Manual Lockout: Via passcode
Charge Time: 8-50 seconds
Analysis time: 12 to 16 sec.
Audible prompts: Minimum of 20 audible prompts
Visual prompts: Minimum of 13 text screen prompts
Controls: 2 buttons - On/Off, Discharge, 4 software-configurable buttons

Display

Type: 1/4 VGA Monochrome LCD
Size: 5.7" (145 mm) diagonal
Resolution: 320 x 240
Freq response: 0.5 - 40 Hz
Heart rate: 20 - 300 bpm, user-configurable
ECG input: Via defib pads, isolated, type BF, defibrillator-proof
ECG sweep speed: 25 mm/sec
Low battery indicator: Battery Icon gauge on display with 10 capacity levels
Backlight (*optional*): EL backlight

Specifications Continued

Battery

Rechargeable: NiMH 12V, 2.1 Ah

Capacity

80 discharges at 360 Joules or
120 discharges at 200 Joules or
150 discharges at 150 Joules or
3 hours ECG monitoring

Charge Time: 1.5 - 2.5 hr

Non-rechargeable: Lithium 12V, 5.2 Ah

Capacity

AED Mode

200 discharges at 360 Joules or
285 discharges at 200 Joules or
300 discharges at 150 Joules or
6 hours ECG monitoring

Manual Mode

150 discharges at 360 Joules or
215 discharges at 200 joules or
225 discharges at 150 Joules or
6 hours of ECG monitoring

Shelf Life (25 °C ± 15 °C): 10 years (5 years storage + 5 years standby) 5 years (standby after installation)

