



ME PAD

Automatic External Defibrillator

- 5 Year Warranty
- Recording of up to 5 operations of 3 hours duration each on internal SD card
- Including pads for adults (up to 30 months storability)
- Including lithium battery (up to 5 years storability)
- Transportation bag and pads for pediatric (optional)
- Fulfills military standard MIL-STD-810G
- Automatic volume adjustment to the surrounding volume
- Emergency change to pediatric use (below 25kg) without changing pads

Specifications

| Defibrillation | |
|--|--|
| Output Energy | Adult - 150 Joule at 50 Ω Pediatric - 50 Joule at 50 Ω (common usage) |
| Charging Time | less than 8 seconds |
| Charging Time after CPR finished | at least 8 seconds |
| Waveform | E-cube two-phase (truncated exponential type) |
| ECG | |
| Acquired ECG Lead | Lead II |
| Frequency Response | 1 Hz to 30 Hz |
| Impedance Range | 25 Ω to 175 Ω (shock will not be delivered if the patient's impedance is beyond this range) |
| Shockable Rhythms | Ventricular Fibrillation or Fast Ventricular Fibrillation |
| Sensitivity and Specificity | meets ANSI/AAMI DF80 guidelines |
| Operational Guidance | |
| Control Devices | Power Button, i-Button, Shock Button, Adult/Pediatric Selection Switch |
| Status LCD | Displays device status, battery level and pads status |
| Speaker | Plays back voice instructions. The CU-SP1 analyzes the ambient noise level during a treatment operation. If ambient noise level is high, it automatically increases the voice instructions volume so that you can hear them clearly. |
| Self-Diagnostic Test | |
| Auto | Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test |
| Manual | Battery Pack Insertion Test (done when the user inserts the battery pack into the battery pack compartment of the device) |
| Disposable Battery Pack | |
| Battery Type | 12V DC, 4.2Ah LiMnO ₂ , Disposable: Long-life |
| Capacity | At least 200 shocks for a new battery or 8 hours of operating time at room temperature |
| Standby Life (After inserting battery) | At least 5 years from the date of manufacture if stored and maintained in accordance with the instructions in this document. |
| Temperature Ranges | Operating: 0° ~ 43° C |
| | Storage: -20° ~ 60° C |

| Pads | |
|-------------------------------|---|
| Adult Defibrillation Pads | Electrode Area: 120 cm ² |
| | Cable Length: Total 120 cm (Inside the pouch: 95 cm, Outside the pouch: 25 cm) |
| | Shelf life: Up to 30 months from the date of manufacture |
| Pediatric Defibrillation Pads | Electrode Area: 46,43 cm ² |
| | Cable Length: Total 120 cm (Inside the pouch: 80 cm, Outside the pouch: 40 cm) |
| | Shelf life: Up to 24 months from the date of manufacture |
| Data Storage and Transfer | |
| Internal Memory Data Capacity | 5 individual treatments, up to 3 hours per treatment |
| SD Card | External memory. Data may be copied from the internal memory to the SD Card |
| IrDA | For PC communications |
| Standards | |
| Sealing | meets DIN EN 60529: IP55 |
| ESD | meets EN 61000-4-2:2001 |
| EMI (Radiated) | meets EN 60601-1-2 limits, method EN 55011:2007 + A2:2007, Group 1, Class B |
| EMI (Immunity) | meets IEC 60601-1-2 limits, method EN 61000-4-3:2006 + A1:2008 Level 3 (10V/m 80MHz to 2500MHz) |
| Vibration | Operating: Meets MIL-STD-810G Fig.514.6E-1, random Standby: Meets MIL-STD-810G Fig.514.6E-2, swept sine(helicopter) |
| Altitude | 0 to 15,000 feet (operational and storage) |
| Drop | withstands 1.2-meter drop to any edge, corner, or surface |
| Environmental Conditions | Operation: 0° ~ 43° C, 5% ~ 95% (non condensing) Standby: 0° ~ 43° C, 5% ~ 95% (non condensing) Transport: -20° ~ 60° C, 5% ~ 95% (non condensing), device only |
| Languages | German, English, French, Danish, Spanish, Norwegian, Italian, Czech, Portuguese, Greek, Swedish, Dutch More languages are planned |
| Dimensions | 260 x 256 x 69,5 mm (WxLxH) |
| Weight | 2,4 kg including battery pack & pads |

■ Pads



■ Wall Cabinet



■ Wall Holder



medical **ECONET**

Im Erlengrund 20, 46149 Oberhausen - Germany

t: +49 (0)208 / 377 890 - 0 info@medical-econet.com
f: +49 (0)208 / 377 890 - 55 www.medical-econet.com

CE 0123

Distributor

*All specifications are subject to change without notice.