



medical **ECONET**
GERMANY

ECO-AED

Semi- or fully automated defibrillator for lay rescuers.



The most affordable AED for everybody.

With the ECO-AED, medical ECONET extends the product range of defibrillators for lay rescuers. Designed as basic model and cost-effective, the ECOPAD is characterized by professional and well thought-out handling in practice.

Whether as semi- or fully automatic AED, the ECO-AED is the ideal model for anyone who prefers forthright, easy-to-understand and easy-to-use equipment.

With its pre-programmed and easy-to-change voice prompt, in comparison with other defibrillators, ECO-AED can reach a much larger number of rescuers.

Features and Benefits

- Equipped with 3 pre-programmed languages.
- Available in semi-automatic or fully automatic version.
- Function for detection and suppression of pacemaker pulses.
- Lightweight, under 2kg incl. battery
- Protection class secured with IP55
- Easy switching by pushing button from adult to pediatric mode.
- Complies with 2015 ERC guidelines, as well as the AHA guidelines.
- Clear display for indication of various statuses: battery status, temperature, condition of the pads.
- Pads can be used for adults and children.
- Periodic self-test: daily, weekly and monthly
- Actions can be saved with SD card
- Optionally available: PC software for evaluation of the events.

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Specifications

General

Dimensions: 200 x 286,5 x 90 mm (WxHxD)
 Weight: approx. 1,95 kg incl. battery (without pads)

Defibrillation

Waveform: Bphasic Truncated Exponential (BTE) waveform (impedance compensation)
 Energy: Adult: 170 - 195 J ± 5%
 Pediatric: 44 - 51 J ± 5%

ECG

Lead: II (RA,LL)
 Patient impedance: 25 - 200 ohm
 Detection: V/F: greater than or equal to 0,2 mV
 V/T: Adult: greater than or equal 15 bpm
 Pediatric: greater than or equal 180 bpm

Display

Controls: Standard:
 Power button, Shock button, Patient mode switch button, Select language button
 Indicators:
 Visible: Action icon, Status LCD (AED status, Battery status, Temperature status, PADS status), LED
 Audible:
 Audio speaker (Voice prompt, CPR indication)
 Beep (CPR indication, Power on, Critically Low Battery, Self-Test fail, alarm of abnormal operation)

Self Test

Cycle: Every 24 hours, 1 week, 1 month
 Power on self test, Battery insertion self test

Data Backup and Communication

Internal memory SD card slot, IR communication port

Languages (selectable by groups of 3-pre-programmed languages)

German, English, French, Italian, Korean, Chinese (Mandarin), Spanish, Portuguese, Dutch, Danish, Greek, Swedish, Norwegian, Finnish, Estonian, Russian, Ukrainian, Arabic, Turkish, Polish, Hungarian, Romanian, Thai, India, Taiwanese, Slovenian and more

Specifications- Accessory

Pads (Adult and Pediatric)

Shelf life: 2 years from manufacture date
 Electrods: Disposable Pads:
 Placement: Adult: Anterior-lateral
 Pediatric: Anterior-posterior
 Minimum active gel area: 80 scm ± 5%
 Cable length: about 1,8 m

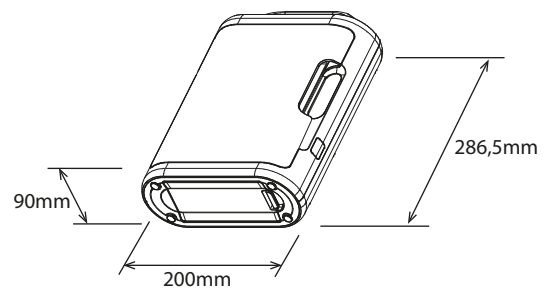
Environmental Conditions (PADs and Battery)

Temperature: Operation: 0°C - 43°C (32 - 109,4°F)
 Storage: 0°C - 43°C (32 - 109,4°F)
 Relative Humidity: 5-95% RH (non-condensing)

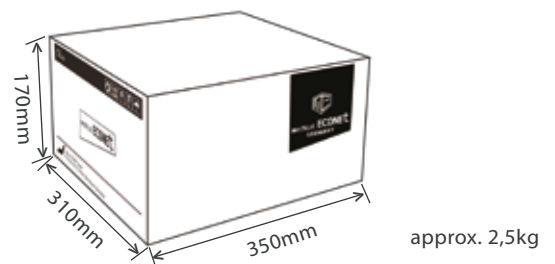
Battery

Type: LiMnO₂, Disposable, Long Life Primary Cell
 Voltage/Capacity: 15V, 3000 mAh
 Shelf Life (in original packaging): 2 years from manufacture date
 Standby Life (inserted in AED): 5 years from manufacture date
 Discharge: A minimum of 200 shocks (except the CPR period between the defibrillation therapy) or more than 6 hours of operating time at 20°C

Dimensions



Packaging



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