ECOPAD

Semi- or fully automated defibrillator for lay rescuers.

The most affordable AED for everybody.

With the ECOPAD, 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 ECOPAD 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, ECOPAD 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.
**ECOPAD**

**Specifications**

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

**Defibrillation**
- **Waveform:** Biphasic 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

**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/Capicity:** 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**
- **Approx. Weight:** 2,5kg

**Packaging**
- **Approx. Size:** 286,5mm x 200mm x 90mm

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*All specifications are subject to change without notice*