

effective

biphasic impulse

innovative

battery control

A E D - PAD

light weight

compact

mobile



ME PAD Defibrillator ME PAD automatic Defibrillator

Chance of survival

Cardiopulmonary resuscitation within

3 MINUTES

3-5 MINUTES

5-10 MINUTES



Immediate action can save lives

Sudden cardiac death is a direct result of cardiac arrhythmias with approximately 150,000 cases per year in Germany alone, now one of the leading causes of death. The unexpected cardiac and circulatory arrest leads after one to two minutes to unconsciousness. Without help it decreases the chance of survival of the patient, by about 10-12 % with each additional minute.

If there is a risk of a sudden cardiac death, the only saving measure is the so-called early defibrillation. ME PAD & ME PAD automatic have been specifically developed for use by laymen. Clear voice instructions and pictograms guide the helper through the entire resuscitation. Thus, without prior medical training, professional help can be immediately provided.

The ME PAD AED is an **Automatic External Defibrillator**. It is an easy-to-use medical device especially designed for public access use, to administer lifesaving treatment for Sudden Cardiac Arrest (PAD Public Access Defibrillator). The ME PAD AED prompts visually and audibly with clear instructions throughout the rescue process, while reminding users to “call for medical assistance.” The ME PAD guides the user through electrode pads application up to shock delivery if required. Standard accessories: Battery and Electrode pads for adult - Optional accessories: Pediatric electrode pads and carrying bag

- ME PAD semi-automatic & ME PAD fully automatic speak 16 different languages
- All relevant data of the last 5 resuscitations are internally saved
- Strong Lithium-ion battery guarantees a standby time of up to five years or up to
- 200 shocks at full power
- Automatic volume adjustment to the surrounding volume
- Emergency change to pediatric use (below 25 kg) without changing pads
- Fullfills standard MIL-STD 810G and IP 55
- Internal quality control of pads
- Always up-to-date through software updates
- Automatic self-test

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 / Specificity	meets ANSI/AAMI DF80 guidelines
Operational Guidance	
Control Devices	Power Button, i-Button, Shock Button (only ME PAD semi), Adult/Pediatric Selection Switch
Status LCD	Displays device status, battery level and pads Status
Speaker	Plays back voice instructions. The ME PAD 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

Optional Accessories

Wall Holder



Pads



Wall Cabinet



Battery



Pediatric Pads



Bag



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Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO directives. The company is EN ISO certified. All products are labeled with CE mark and in accordance to the Medical Device Directives MDD 93/42/EEC.