Defibrillation

When the heart loses its rhythm, every second counts.
We offer the best possible chances of survival to victims of sudden cardiac arrest. With our Automated External Defibrillator (AED), trained emergency personnel and laypersons too can give the patient the help he needs. The clear voice prompts safely guide any helper through cardiopulmonary resuscitation. In Germany alone about 120,000 people die every year from the sudden cardiac arrest because an AED was not close by. Quick use of a defibrillator could save many lives in many places – factories, nursing homes or medical practices and in public buildings.
Easy
Automated External Defibrillator (AED)

Increase the survival chances in cases of sudden cardiac arrest. When every second counts, the AED Easy helps you to remain calm and concentrate on resuscitating the patient. Its easy-to-understand operating concept (traffic-light-concept) and the clearly audible voice prompts can safely help lay-persons to carry out life-saving measures until professional medical help arrives.

- Single button operation reduces errors.
- Very clear and detailed voice prompts safely guide the user through CPR (Cardio-Pulmonary Resuscitation).
- Automatic volume adjustment based on noise at site (can be deactivated)
- Self-explanatory traffic-light-concept for user guidance
- Metronome function ensures correct chest compression rate and observance of ideal ratio of ventilation to compression (can be deactivated).
- Step-by-step instructions and positioning symbols on the electrode packaging
- Info button reports elapsed time and the number of shocks given since device was activated.
- Available with battery or rechargeable battery operation
- Protected from dust and splash water (IP54)
- PC software for device configuration and event review

included in Supply Schedule

Dimensions (W x H x D in mm): 240 x 93 x 240 (incl. handle)
Weight: 2.6 kg (incl. battery and electrodes)

<table>
<thead>
<tr>
<th>Rechargeable battery-operated WM-Nr.</th>
<th>Battery-operated WM-Nr.</th>
<th>MECORE Easy Language Version</th>
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Storage

1 Protective transport bag
   WM 40100
   Including removable belt and a compartment for replacement electrodes and batteries/rechargeable batteries for Easy and Trainer (not to be used with the wall mountings WM 40270 and WM 40120)

2 Vehicle wall mounting
   WM 40270
   Mobile, 10-g-tested, for mounting in ambulances or fire department vehicles, fulfills Standard EN 1789 (for Easy)

Wall mounting (not shown)
   WM 40120
   Stationary, for use in buildings (for Easy)

3 AED wall-mounted box
   WM 40300
   Stationary, to protect Easy from dust and splash water (in buildings)
   • Alarm can be set to sound when box is opened or device is removed from box (optional)
   • External dimensions (W x H x D in mm): approx. 390 x 680 (open) x 325
   • Customer logo can be affixed to the front and sides of the box if a vector file is provided as an EPS (Encapsulated PostScript). Please contact our Customer Service.

Scientific study\(^1\) proves:

"The CARDIOMAT Easy\(^2\) offers the best combination of sensitivity and specificity (about 97\% in each case) – and in terms of specificity, is the best device tested. This high level of safety and reliability is especially recommended for use by lay-persons."

## Accessories

- **Wall sign**  
  WM 42511  
  AED/Defibrillator site sign to put on wall; projects about 20 cm into the room. Adhesive on both sides with DIN sign for AED/defibrillator site, Size 20 x 20 cm
- **Sticker**  
  WM 75410 (not shown)  
  DIN sign with graphic to identify defibrillator site, 10 x 10 cm
- **AED Emergency Set**  
  WM 75885  
  DIN sign with graphic to identify defibrillator site, 20 x 20 cm
- **Defibrillation electrodes**  
  WM 40116 (not shown)
- **Mains adapter for charger (not shown)**  
  GB: WM 40058  
  US: WM 40060  
  AUS/NZ: WM 40061
- **Flexible handle**  
  WM 40164  
  Includes fastening set, reduces space requirements of MEDUCORE Easy by 35 mm (depth). As alternative to mounting, for example in ULM CASE or in RESCUE-PACK (see photo).
- **Infrared connection cable**  
  WM 22498 (not shown)  
  For connection to PC serial interface (RS-232)
- **PC Software “EasyView”**  
  WM 40192 (not shown)  
  On CD, for device configuration and event review
- **Battery pack**  
  WM 40155 (not shown)
- **Acupack**  
  WM 40150 (not shown)  
  Rechargeable
- **Charger for MEDUCORE Easy and MEDUCORE Trainer**  
  WM 40003 (not shown)

## Trainer

**AED training device (cannot administer a shock)**

Be prepared for an emergency. Trainer simulates the resuscitation process of a shock-generating Easy 1:1.

Nevertheless, it is impossible to mix up the two devices because, for one thing, the plugs on the training electrodes do not fit into the shock-generating Easy. Aided by the wireless remote control, the instructor can intervene (unnoticed) in the training exercise at any time and thus design the training session as required.

- Device clearly marked „Trainer”
- Thoroughly prepares users for an emergency
- Wireless remote control with a range of up to 10 meters lets the instructor discretely intervene in the training session at any time.
- Not necessary to purchase, retrofit or take a shock-generating device out of service for training purposes.
No chance of mix-up: plugs on the training electrodes do not fit in the shock-generating device.

Easy-to-understand remote control symbols always show the current ECG (sinus rhythm, asystole, VT/VF, artefacts/patient movements, etc.), plus the device status (battery, electrode placement, operational readiness, etc.).

Elapsed training time is shown in the remote control display.

- Rechargeable batteries

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### Trainer Training Set

**WM 40080**

Supply Schedule:

- Basic device
- Accu-Pack Trainer, WM 40084
- Charger, WM 40003
- Two pair of training electrodes, WM 40115
- Remote control

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### Trainer Training Set

**WM 40080**

Supply Schedule:

- Basic device
- Accu-Pack Trainer, WM 40084
- Charger, WM 40003
- Two pair of training electrodes, WM 40115
- Remote control

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### Remote control

**WM 40085**

Wireless, for inconspicuous intervention in training situation – available for conversion of the Trainer into a training set

1) English language version, refer to the list (this page) for other languages

Equipment and design subject to change without notice. Please refer to the current price list for supply schedules.

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### Training Set

<table>
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<tr>
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**Innovation: Wireless communication guarantees uninterrupted patient monitoring**

**corpuls³:**
**modular defibrillator and monitoring system**

Better ergonomics and more flexible than ever: The corpuls³ is a defibrillator and monitoring system which can be fully equipped for use in emergency medical services and hospitals. The innovative corpuls³ consists of three components: a monitor, a patient box and a defibrillator. At an emergency site, in an ambulance or in the hospital, the emergency doctor and EMS personnel can decide how to use corpuls³ in each situation: fully modular, partly modular or as a compact unit. In every case, communication between the individual devices is guaranteed by wireless technology. Dangerous cable clutter is a thing of the past. For the first time, uninterrupted patient monitoring is possible.

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**corpuls³ – the module functions in detail:**

**Monitor Module**
The monitor module is the operating and switching center of corpuls³. The information in the display can be read easily even in direct sunlight or from the side. An integrated defibrillation menu ensures speedy operation at the scene of an emergency. Also Telemedicine functions like remote data transmission via an integrated GSM modem for the transmission of 12-lead diagnostic ECG to hospital and live data transmission are possible.

**Defibrillator Module**
Functions of the module:  
- defibrillation  
- cardioversion  
- pacing

If defibrillation is not required, this module does not have to be attached to the other two modules (for example, for transport within the hospital). With less weight to carry, EMS personnel can move more easily. If defibrillation is required, conventional paddles or self-adhesive defibrillation electrodes can be used.

**Patient Box**
The core of corpuls³, the patient box, always stays with the patient to ensure efficient device operation and a high level of patient safety. Especially when the situation is critical, as with patient transfer, corpuls³ provides uninterrupted monitoring. Parameters:
- Monitoring 4-lead ECG  
- Diagnostic 12-lead ECG  
- Non-invasive blood pressure (NIBP)  
- Pulse oximetry (SpO₂)  
- Temperature (TEMP)  
- Capnography (CO₂)  
- Invasive blood pressure (IBP)
  - SpCO₂, new Masimo Rainbow SET technology to measure SpCO, SpHb and SpMet (in development)

Because all cable connections are readily available from the storage compartment in the patient box transport bag, they can be attached to the patient quickly and easily.
Mounting for vehicular and aircraft installation

The secure vehicular mountings and simultaneous charging function for the three corpus® modules are basic components in our system design. The list of available solutions for this field of use includes installation on the wall and on the floor, mountings with and without a pivot mechanism, secure fastening to stretchers made by different manufacturers, etc. With the corpus® modular system, a world of innovative, safe and time-saving possibilities opens up.

Mounting for the Complete Device

- Single-handed release and removal
- Self-locking mechanism activates after 10 seconds if device is not removed
- Low installation depth, low weight
- Power supply 12 V DC or 100 – 250 V AC

Energy management

Each of the three corpus® modules has a similarly constructed lithium-ion rechargeable battery pack. Even at maximum load, the batteries last for several hours. Safety: corpus® can display down to the minute exactly how much longer the batteries can maintain device functions. Current energy consumption is taken into consideration and the remaining time is predicted.

Mounting for the Monitor

- Single-handed release via the two latches on monitor
- Power supply 12 V DC or 100 – 250 V AC
- Low installation depth, low weight
- Suitable for the combination of monitor and patient module

Mounting for Patient Module

- When mounting is installed on vehicle ceiling, a connection cable is no longer required. That saves money.
- Power supply 12 V DC
- Simple adaptation and release

Backpack-Mounting for the complete device

- Hands-free during patient-transport
- Ergonomic transportation of the device

Battery pack

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<tr>
<th>corpus® Defibrillator (Overview complete sets)</th>
<th>Options</th>
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1) manual mode included, can be deactivated if only semi-automated mode is required
2) consisting of adapter; intermediate cable only; requires additional transducer cable: please consult our price list for types available

info@defensetechs.com