






life energy

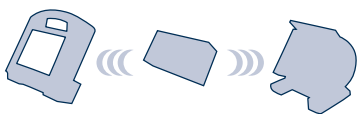
The **corpuls³** offers an entirely new and revolutionary design-concept compared with traditional compact defibrillator/monitoring devices.

It is designed as a complete modular system and can be split into:

-  **Monitoring unit**
-  **Patient box**
-  **Defibrillator/Pacer unit**

This means unrivalled ergonomics, functionality and flexibility.

Wireless communication



The unique wireless network-technology allows operation of the components independently as if they were physically connected.

Highlights

- Modular system offers maximum mobility and improved ergonomics and flexibility
- Maximum mobility with a simple user interface enables fast diagnosis
- Uninterruptible monitoring from the EMS site into the hospital
- Large 8.4" colour display with individually configurable display views
- Masimo® Rainbow® SET technology for enhanced diagnostics
- Ingenious energy management for reliable operation
- Tested mounting solutions for every scenario available

Monitoring unit

The detachable Monitoring unit guarantees easy handling and provides a sophisticated solution at all times.

- Integrated GSM interfaces for data transmission
- Jog-dial, softkeys and function keys for intuitive, fast and immediate access and operation
- Large colour display (8,4") with individually configurable display views and 12 lead diagnostic ECG preview



Patient box

The Patient box is the "heart" of the system and enables uninterrupted monitoring from the EMS site into the hospital.

- Simultaneous 12 lead diagnostic ECG with optional measuring and interpretation software
- Innovative Masimo® Rainbow® SET technology for measurement of SpCO, SpHb, SpMet, SpO₂ and PI
- CompactFlash drive® for Data storage and transfer of recorded mission data



Defibrillator/Pacer unit

corPatch therapy master cable enables usage either with shock paddles, internal paddles or therapy electrodes

- Enhanced therapy options with smartMetronome guidance during CPR
- Greater mobility and flexibility due to weight reduction if the defibrillator is not needed
- Pacing: fix, demand and overdrive pacing with ramp-down mode



General Specifications:

- Dust and splash-proof (IP54)
- Impact protection (DIN EN 1789)
- MIL STD 810G (United States Military Standard)
- RTCA DO 160 F - Sections: 4, 5, 6, 7, 20, 21, 25 (aircraft approved)
- Li-Ion Battery (3 batteries, identical in construction)
- Power supply 12 V DC, 100 – 250 V AC with mains adapter
- Dimensions (HxWxD): 36 cm x 30.5 cm x 23 cm (compact device)

Patient box

- 12 lead ECG, SpO₂, PI, NIBD, CO₂, 4xIBD, 2xTEMP, SpCO, SpHb, SpMet
- CompactFlash® drive; acoustic alarm; microphone for voice recording
- Accessory bag for cables and sensors
- Weight: 1 - 1.3 kg
- Dimensions (HxWxD): 13.5 cm x 26.5 cm x 5.5 cm

Monitoring unit

- 8.4" colour display, transfective, backlight
- Up to 6 traces simultaneously
- 30° tiltable, all-around impact protection
- Printer: paper width 106 mm, paper length 22 m
- Weight: 2.7 kg
- Dimensions (HxWxD): 29.5 cm x 30.5 cm x 12 cm

Defibrillator/Pacer unit

- Biphasic, rectangular waveform, full impedance compensation
- AED protocol according to AHA/ERC 2010, Resuscitation Guidelines
- 2 to 200 Joules, configurable energy protocol, 1-2-3
- smartMetronome for enhanced therapy options
- Weight: 3.7 kg
- Dimensions (HxWxD): 29 cm x 30 cm x 19 cm



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