



focus-on-patients

## Small, handy and multifunctional

The new **corpuls<sup>1</sup>** is a life-saving defibrillator/patient monitor that has been specifically developed to meet the requirements of hospitals, fire fighters, first responders, patient transports and emergency management.

The intuitive and easy operation of the **corpuls<sup>1</sup>** allows immediate and comprehensive monitoring and therapy of the patient.

The functional protective bags for accessories as well as the brackets guarantee the safe and ergonomic transport of the **corpuls<sup>1</sup>** to the emergency site.

## Highlights

- Compact and weighing only 2.2 kg
- Large 5.7" screen for ergonomic display of curves and parameters
- 6-lead ECG for optimised monitoring of the patient
- Non-invasive SpCO-, SpMet and SpHb measurement with Masimo® Rainbow® SET
- Pre-connected **corPatch** therapy electrodes for immediate use
- Compatible with **corpuls<sup>3</sup>** accessories

## Resuscitation/Cardioversion

Depending on the situation you can use the **corpuls<sup>1</sup>**, as automatic external defibrillator (AED), as manual defibrillator or for cardioversion.

- AED protocol according to ERC/AHA guidelines
- Biphasic rectangular impulse, impedance compensated
- Cardioversion for enhanced therapy options

## Monitoring

The intuitive user interface guarantees trouble-free operation. On the 5.7" screen you can keep an eye on ECG, heart rate, plethysmogram and vital parameters.

- 6-lead ECG
- Storage of mission data with trend parameter recording
- Quick access to important functions via softkeys

## Spot measurement SpCO

Already during the mission, the SpCO measurement allows easy and early detection of possible carbon monoxide poisoning.

- Masimo<sup>®</sup> Rainbow<sup>®</sup> SET for SpO<sub>2</sub>, SpCO, SpMet, SpHb, PI und PP (optional)
- Wide range of sensors for the required vital parameters



## Specifications

### General Specifications:

- Dust- and splashproof (IP55)
- Vibration- and shockproof according to DIN EN1789
- RTCA DO 160 F - Sections: 20, 21, 25 (airborne equipment)
- Operating temperature: -20 to +55°C (Basic functions: ECG monitoring, defibrillation)
- Alarm light, speakers
- Voice recording
- Lithium-Ion battery
- Power supply 12 V DC, 100 to 250 V AC with charger
- Dimensions (HxWxD): 26 cm x 17 cm x 9 cm
- Weight: 2.2 kg (basic configuration, incl. battery)

### Defibrillator:

- Automatic external defibrillator (AED)
- Manual defibrillator
- Cardioversion

### Patient monitoring system:

- 5.7" colour display, back-lit
- Display of up to 3 traces and up to 4 vital parameters
- 6-lead ECG
- Masimo<sup>®</sup> Rainbow<sup>®</sup> SET for SpO<sub>2</sub>, SpCO, SpMet, SpHb, PI und PP (optional)

### Data Management:

- SD<sup>®</sup>-memory card
- LAN

### Compatibility with corpuls<sup>3</sup>:

- Battery, sensors, **corPatch** therapy-electrodes, adapter- and charging brackets
- Identical intuitive userinterface and interpretationsoftware **corView2**



corpuls<sup>1</sup> with charging brackets



corpuls<sup>1</sup>

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