

corpuls³

The next generation modular system



Monitor



Patient Box



Defibrillator



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www.corpuls.co.uk
www.theortusgroup.com

Specification sheet overleaf

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SPECIFICATION

General

- Transflective 8.4" display, with optional Touch (C3Touch)
- **Wide printer** (106 mm)
- Weight: 6.5 kg (SLIM, basic configuration)
- Dimensions of complete device (WxHxD): 30.5cm x 29.6cm x 19.5cm (corpuls3 SLIM CLASSIC & TOUCH)
- Extremely high **dust and splash protection (IP55)**
- **Battery life 9-13 hours**, according to settings and demands
- Operating environment: -20 °C to +55 °C (basic functions: ECG monitoring and defibrillation)
- **DIN EN 1789**
- Conforms with selected sections of the international **Standard for Airborne Equipment** RTCA DO 160 G
- Conforms with selected sections of the US Military Standard MIL STD 810 G
- Integrated handle (part of the monitor) and **elasticated carry strap**
- Device is **Latex free**
- Fully **EMC compliant**
- Audio Visual **Modular Out of Range Alarms**

Monitoring Unit

- Up to **6 waveforms** and **13 vital parameters**
- Diagnostic **12-lead ECG preview**
- Quick access to important menu items via 7 soft keys and function keys
- 1-2-3 operation in defibrillation modes
- Wide printer (106mm) with simultaneous real-time print-out for up to 6 waveforms
- 4G modem and WLAN or LAN port for data transmission/telemedicine
- Adjustable **Audio and Visual Alarms**
- All-around **impact protection**
- Weight: just 2.9 kg
- Dimensions (WxHxD): 30.5cm x 29.5cm x 12cm

Patient Box

- Separate **3 and 12 Lead capability**
- 12-lead diagnostic ECG, heart rate
- ECG analysis and information software
- Masimo Rainbow SET® technology for SpO2, PP, PI, SpCO, SpMet, SpHb
- **Non-invasive blood pressure** measurement (SunTech®)
- Capnography with mainstream capONE® technology
- Audio and Visual CPR Feedback
- 2 channel **temperature measurement**
- 4 channel **invasive blood pressure measurement**
- **Display of vital parameters**, time remaining and alarms
- Acoustic alarms

- Microphone for audio recording
- Bluetooth and CompactFlash®
- Variety of **removable carry cases** available
- Weight: just 1.1-1.4 kg
- **Dimensions (WxHxD):** 26.5 cm x 13.5cm x 5.5cm

Defibrillator/Pacer

- For use on Adults and Paediatrics
- **Biphasic rectangular impulse**, impedance compensated
- 2 to 200 Joule configurable energy protocol
- AED and manual defibrillator
- AED protocol per the applicable, current guidelines, updateable at all times
- **Pacer** with **FIX-, DEMAND** and **OVERDRIVE** modes
- Pre-connected **corPatch therapy electrodes** in a dedicated pouch
- **Up to 200 shocks on a fully charged battery** • Can be used with either shock paddles or defibrillator pads
- Weight: 2.5 kg (corpuls3 SLIM)
- Dimensions (WxHxD): 28cm x 22cm x 12cm

Brackets

- Monitor - **Lightweight and shallow mounting depth**
- Also suitable for a combination of monitor and patient box
- Power supply: 12 Volts DC or 100-250 Volts AC (optional) DIN EN 1789
- Defibrillator/Pacer - **One-hand handle release**
- 10-second **auto-locking feature**

