

FOCUS - ON - PATIENTS

 corpuls®

**I AM  
NO  
HERO**  
IT'S MY JOB



**corpuls<sup>1</sup>**



# corpuls<sup>1</sup>



## ▶ ENERGY MANAGEMENT

The efficient lithium ion battery reliably supplies power to the **corpuls1** – for an extremely long time and even at -20 °C. On the display you can see the remaining running time in minutes.



## ▶ STABLE BAGS

Cables, sensors and accessories of the **corpuls1** can be stored in the side bags for protection and easy access. No more tedious connecting and disconnecting of the cables, as the cables come preconnected in the bags. The **corPatch** therapy electrodes are in the magnetically latched front bag, pre-connected and ready to use.



corpuls1 with charging brackets

## ▶ COMPATIBILITY WITH CORPULS3

- Batteries, sensors, **corPatch** electrodes and cables are identical for fast transfer of the patient
- Standardised user interface for **corpuls1** and **corpuls3** allows easy handling
- Evaluation in **corView2** is possible for both systems



**I AM  
NO  
HERO**  
IT'S MY JOB

## SPECIFICATIONS

### General Specifications:

- Dust- and splashproof (IP55)
- Vibration- and shockproof according to DIN EN1789
- RTCA DO 160 G - Sections: 20, 21, 25 (airborne equipment)
- Operating temperature: -20 °C 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 (WxHxD): 26 cm x 17 cm x 7 cm
- Weight: 2.2 kg (basic configuration, incl. battery)

### Defibrillator:

- Automatic external defibrillator (AED)
- Manual defibrillator
- Cardioversion
- Pacer with two modes (FIX/DEMAND)

### Patient monitoring system:

- 5.7" colour display, back-lit
- Display of up to 3 traces and up to 4 vitalparameters
- 6-lead ECG
- Masimo® Rainbow® SET for SpO2, SpCO, SpMet, SpHb, PI and PP (optional)

### Data Management:

- SD®-memory card

Learn more on [www.corpuls.com](http://www.corpuls.com)





► **IN EMERGENCY ONE FOR ALL**

With the new Emergency Backpacks in two sizes you are well prepared for every situation. In the backpack itself there is an integrated corpuls1 charging bracket. The backpack has a port for the magnetic power supply plug.



**Emergency Backpack BLS  
(Basic Life Support)**

This small and lightweight backpack provides enough space for medical basic equipment including a corpuls1. It is suitable for first aid in local surgeries and in hospitals.

**Emergency Backpack ALS  
(Advanced Life Support)**

The extended version of the Emergency Backpack contains one more module bag. So the backpack is the first choice for local doctors, clinical resuscitation teams, company emergency officers and First Responders.





### Monitoring

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

### Resuscitation/Cardioversion

Depending on the situation you can use the **corpuls1** as automatic external defibrillator (AED), as manual defibrillator or for cardioversion.

### Pacer

The **corpuls1** optionally includes a pacer with two modes (FIX/DEMAND) for the therapy of Arrhythmias.

### Pulse oximetry

The integrated pulse oximeter (optional) enables the monitoring of oxygen saturation, pulse rate and plethysmogram.

### First Responder

A competent and comprehensive emergency care can be decisive for the outcome. Electrodes, sensors and cables can simply be transferred to the **corpuls3** for continued care.

### Spot measurement SpCO

Already during the mission, a SpCO measurement allows to recognise easily and early a possible carbon monoxide poisoning, e. g. firefighters on scene.



Fold-out feet position the device on stable ground and in optimal viewing position



# 10 M

## HEARTBEATS PER WORKING DAY

FOR SOME OF THE WORLDS BEST MEDICAL DEVICES

For over 30 years, corpuls® has developed and produced innovative high-end equipment for emergency and intensive care medicine. Today, over 200 hearts in our headquarters in Kaufering have each beat around 50,000 times every working day aspiring to meet the high standards of rescue workers from over 60 countries across the world.

corpuls defibrillators, patient monitoring systems and chest compression devices have set the standard since day one in the realisation of the most advanced insights in medical science, as well as in terms of innovation and ergonomics and so guarantee reliable and trusted aid in the struggle for the preservation of human lives.

The long-standing deployment of the equipment under the most difficult conditions and tens of thousands of satisfied customers are the best evidence of the success of the route we have taken and are the daily motivation for our team.

GS Elektromedizinische Geräte G. Stemple GmbH

Hauswiesenstr. 26

86916 Kaufering / Germany

Phone.: +49 8191 65722-0

info@corpuls.com

[www.corpuls.com](http://www.corpuls.com)

