

FOCUS - ON - PATIENTS

**corpuls®**

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



**corpuls cpr**





# corpuls **cpr**



## Re-usable stamps

The stamps of the **corpuls cpr** can be disinfected and used for more than one patient. They are available in two sizes.



## Bag/Backpack

Storage for all **corpuls cpr** accessories including the Recboard or Quadboard.







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## SPECIFICATIONS

### Compression parameters:

- Compression rate:  
80 to 120 compressions per minute  
(adjustable in increments  
of 1 compression per minute)
- Compression depth: 2-6 cm  
(adjustable in increments of 0.1 cm)
- Therapy mode: 30:2 / 15:2 /  
continuous (secure airway)

### Patient parameters:

- Chest Height: 14 to 34 cm
- Chest width: up to 48 cm
- No restriction on the weight  
of the patient

### Operating parameters:

- Power source: electric
- Battery: Lithium Polymer (LiPo)
- Operating time 90 minutes (typical)
- Displays the remaining run time in minutes
- LED indication of battery charge level in 20% increments
- Battery charging time  
(via magnetic connector, no therapy):  
105 min 0-80%  
30 min 80-100%
- Intuitive user interface: Therapy start/stop button with  
alarm and 4 softkeys
- Simultaneous display of operating mode, compression  
depth, compression rate, time/therapy time and re-  
maining runtime of the battery shown in minutes and  
percentage
- At least 300 charging cycles

### General Specifications:

- Color display 2.4" with LED backlighting
- Operating temperature: -20 °C to +45 °C
- Dust and splash proof (IP54)
- Power supply: 12-33V DC (on-board power),  
110-240V AC (Mains 50-60 Hz)
- Operating noise: 70 dB
- Data interface: SD™ card
- Integrated alarm management
- RTCA DO 160 G (emc tested)

### Dimensions and weights:

- **corpuls cpr**-arm with stamp/battery: 45 x 43 x 9 cm/5.5 kg
- Recboard: 47 x 47 x 3.5 cm/2.2 kg
- Quadboard: 46 x 46 x 13 cm/1.7 kg

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







- 1 Stamp
- 2 ON/OFF Switch
- 3 Locking lever
- 4 Battery
- 5 Bayonet locking system
- 6 Start/Stop button

## Compressions without compromises

With two joints and a height adjustable arm the **corpuls cpr** can be quickly adapted to the patient's body. It guarantees the optimal pressure point during therapy. Compression depth and mode can be easily adjusted. For optimal effectiveness, two different radiolucent boards are available.



The Recboard was built for the pre-hospital use. It can be fixed securely to most stretchers with its attachment straps.



Designed for clinical use, the Quadboard is radiolucent and easy to disinfect. Thanks to the big handle it can be positioned in seconds.



## Deployment in hospital

With the corpuls **cpr** therapy is possible even during resuscitation:

- The different boards are all made of radiolucent material so coronary angiographies can be performed during resuscitation without disturbing artefacts
- The corpuls **cpr** offers easy access to the patient's thorax

## Deployment in EMS

By supplying fully automated chest compressions, the corpuls **cpr** ensures less strain on rescue workers:

- The simple and safe positioning of the corpuls **cpr** makes it possible to switch from manual to mechanical chest compression with short interruptions
- The corpuls **cpr** checks the position of the stamp after each ventilation break or 100 compressions (continuous mode) and compensates a sunken thorax

## User-friendly operation

With the clearly arranged color display, the central start/stop button and the softkeys, the device can be operated intuitively:

- Resuscitation modes compliant to the current ERC/AHA Guidelines
- Adjustment of mode, compression depth and compression rate during therapy



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## 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.

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