



**corpus<sup>®</sup>**

FOCUS - ON - PATIENTS

**TRAIN  
HOW YOU  
FIGHT  
FOR LIVES**



**corpus simulation**



# REALITY. SIMULATED.

**IF YOU WANT TO BE AMONG THE BEST,  
YOU NEED THE BEST TRAINING.**

## SPECIFICATIONS

### COMPONENTS

- High quality hard case
- Accessory bags on the device (left, right, rear side)
- Transport bag with shoulder strap
- Monitoring ECG cable (ERC/AHA)
- Diagnostic ECG cable (ERC/AHA)
- SpO<sub>2</sub>-sensor
- **corPulse** NIBP cuff (with hose) in different sizes
- Reusable **corPatch** **simulation** training electrodes
- Power bank
- WLAN access point and Bluetooth gateway (single-board computer)
- USB multi-charger
- Colour coded case for Instructor iPad
- etCO<sub>2</sub> sensor
- CPR Feedback sensor
- Master cable for **corPatch** **simulation** training electrodes

### WEIGHT

- Device with Apple iPad Pro and Instructor iPad in transport bag with shoulder strap: 6.4 kg
- Device with Apple iPad Pro and Instructor iPad: 5.0 kg

### RUN TIME

- ca. 10 hours plus power bank capacity

### MEASUREMENTS

- With accessory bags (left, right, rear side): 540 mm x 300 mm x 200 mm (W x H x D)

More at [www.corpuls.world](http://www.corpuls.world)

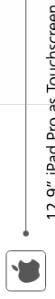


The new generation in mission simulation

With **corPulse** we bring 100% realistic scenarios to your training. Previous training methods have focused on learning a technique through repetition. However, there is often a large gap between theoretical scenarios and the actual "fight" for a human life. Just as pilots training in a flight simulator are thrown surprise complications, lifeguards training with **corPulse** **simulation** have to overcome unforeseen situations. This, as well as the exact replication of all **corPulse** defibrillators, creates an incomparably realistic training situation. The result is a team that is optimally prepared for every scenario and therefore, a significantly better quality of care for the patient.

# THE SIMULATOR

An Apple iPad Pro in a deceptively authentic **corpus3** hard case makes up the heart of **corpus simulation**. There is space in the side pockets for the true-to-original cables and sensors. Thanks to the power bank and integrated single-board computer **corpus simulation** is completely self-sufficient. You only have to switch **corpus simulation** on – the device takes care of all further configurations for WLAN and Bluetooth itself after a one-off setup.



12.9" iPad Pro as Touchscreen



Onboard WLAN access point



User interface and other application options:

• **corpus3 Classic**

• **corpus3 TOUCH**

• **corpus1**

• **corpus aed**

Extensive accessories:

• Reusable

simulation electrodes

• True-to-original sensors and cuffs

• and much more

## THE FACTS

- Most important functions of the original devices with ongoing expansion
- Realistic parameters and curves
- Status changes through events
- Scenario editor

- Simulation consumables
- Original accessories
- Multiple languages available
- Safe training
- **corpus simulation** community

## Up to date

Every new device software version brings changes. In order to best prepare lifeseavers for these changes, new **corpus defibrillator** software versions are also available for **corpus simulation**. So your team will already be familiar with the new software before it is installed on your real **corpus** defibrillator.

## MISSION READY ALWAYS AND EVERYWHERE

Thanks to the built-in power supply, a mission scenario outside of the training room is no problem. **corpus simulation** has everything that is required for training under real conditions directly on board.



## SIMULATION WITH ALL THE DETAILS

In the accessory bag of the **corpus simulation** hard case there is space for the reusable **corPatch simulation** training electrodes. The sensors are modelled exactly on the original **corpus** defibrillator equipment. The alarm signals are exactly the same as the real **corpus** defibrillators.

## BUILT TOUGH

**corpus simulation** is optimally protected and stored in the custom-made PAX transport bag that is included in the set.



## RESUSCITATION MANIKIN EDDY

- Standard functions (**resuscitation** and **intubation**) intubation according to common procedures with realistic airway)
- i.v. and i.o. access with possibility of **medication application**
- Digital **CPR feedback** display
- Carotid pulse display synchronised with ECG
- Resuscitation **artefacts** synchronised in the ECG
- CO<sub>2</sub> curve synchronised with ventilation

## ALL PATIENT CLASSES

The trainer can use the Instructor iPad to change the scenario at any time and thus adapt the stress level to the knowledge level of the team. Frustration if the level of difficulty is too high or lack of focus if it is too low are avoided and the learning effect for the training participants can be maximised.

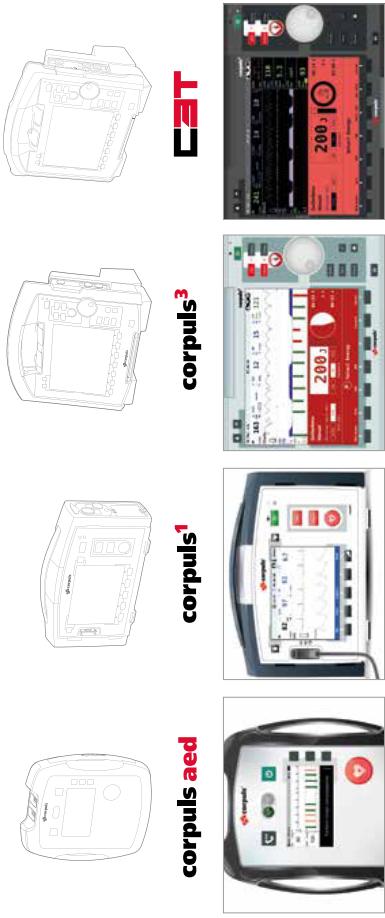
## FULL CONTROL

Using the **corpuls simulation** scenarios, completely safe training is possible for all patient classes – including corpuls EDDY as well as neonates in the incubator, obese patients and pregnant women.

## FOUR IN ONE

All the **corpus** defibrillators in one simulation system

With **corpus simulation** you can simulate all four **corpus** defibrillators in one system using the same hardware.



## corpus simulation COMMUNITY NETWORK WITH INSTRUCTORS FROM ALL OVER THE WORLD

Knowledge is the only resource that increases when you share it – the basic principle of the **corpus simulation** community.  
It is precisely for this reason that we place so much value on networking and offering space to exchange ideas.

- Share simulation scenarios
- Exchange experiences
- Designing training concepts together
- Manage devices and licenses

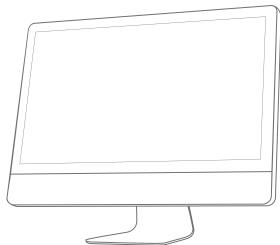
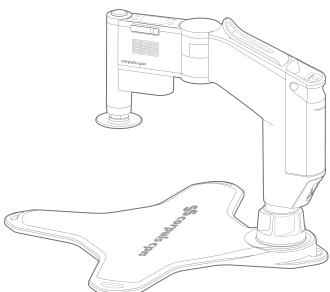


► Share your training and experiences in the **corpus simulation** community



## corpus E YY EVEN CLOSER TO REALITY

With the **corpus Education Buddy (EDDY)** the team can prepare even better for all scenarios in emergency and intensive care medicine. The manikin in **corpus** design, which is connected to the **corpus simulation**, integrates into the training and reacts realistically to all measures taken. It is battery powered for mobile use and easy to transport with its own trolley. EDDY offers all standard functions such as resuscitation and intubation according to standard procedures with a realistic airway. A digital CPR feedback display completes the display. Carotid pulse and resuscitation artefacts are displayed synchronously on the ECG.



For over 40 years, **corpuls®** has developed and produced innovative high-end equipment for emergency and intensive care medicine. Today, in our headquarters in Kaufering, over 450 hearts each beat around 80,000 times every work day while aspiring to meet the high standards of rescue workers from over 75 countries around 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. Thus guaranteeing reliable and trusted aid in the fight for human lives.