

# CPR assist

CPR-1100



Improving quality  
of resuscitation



*Fighting Disease with Electronics*

 **NIHON KOHDEN**



## Why Quality of CPR is Important

Proper depth of chest compressions during CPR creates adequate blood flow and oxygen delivery to the heart and brain. Moreover, proper rate of chest compressions during CPR is an important determinant of return of spontaneous circulation (ROSC) and survival with good neurologic function.

### Three key points of high-quality CPR (American Heart Association/European Resuscitation Council 2015 Guidelines)

- 1. Perform chest compressions to a depth of at least 5 cm (2 inches) but not greater than 6 cm (2.4 inches).**
- 2. Perform chest compressions at a rate of 100 to 120 times/min.**
- 3. Minimize interruptions in compressions.**

Nihon Kohden's CPR-1100 CPR assist contributes to improved quality of resuscitation by analyzing the compressions and providing precise feedback about the CPR quality.

### See and Hear the Quality of CPR

CPR assist shows the depth and tempo of chest compressions by LED and audio. This real-time feedback helps you adjust your compressions to perform higher quality CPR. It also supports easier CPR training.



Orange: tempo indicator

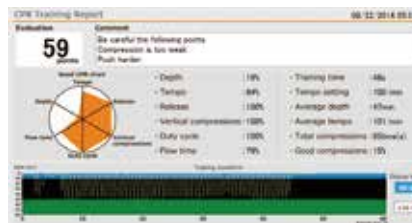


Blue: good chest compression

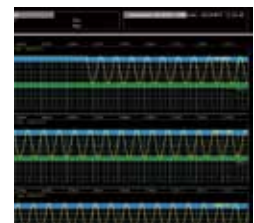
### Evaluate the Quality of CPR

CPR assist can communicate with a PC by Bluetooth connection.

For training, the real-time CPR waveform and measurement value can be shown on a PC with QP-110V viewer software for PC (included with CPR assist). This software scores the quality of CPR to assist in making helpful evaluations for the user's future CPR.



CPR training report, QP-110V



Defibrillation report, QP-551VK

Rescue data is stored in the CPR assist during CPR and the rescue data can be reviewed on a PC with optional QP-551VK defibrillation report viewer software.

### Manage the Quality of CPR

CPR assist can also communicate with a Nihon Kohden defibrillator by Bluetooth connection.

The real-time CPR waveform and measurement values can be shown with other parameters such as ECG, SpO<sub>2</sub>, CO<sub>2</sub> and NIBP on the defibrillator screen.

All necessary information for rescue can be confirmed on one screen by using the CPR assist with a Nihon Kohden defibrillator.



### Specifications

Dimensions	71 (W) × 32 (H) × 126 (D) mm
Weight	166 g (not including battery)
Battery operation time	5 hours continuous use
Communication method	Bluetooth standard Ver 2.1 + EDR
Standard accessory	QP-110V CPR assist viewer software
Measurement items	Depth, tempo, tilt and sinking of patient's back

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