Nihon Kohden · Reanimatie en AED’s

cardiolife EMS-1052

EMS-1052

Monitor-defibrillator for ambulance and hospital, with AED mode, manual mode and pacing. Weighs 4.2 kg and is ready for use in 4 seconds.

Weight	Ready for use	Protection
4.2 kg	**In 4 seconds**	**IP55 (dust and water)**

Description

Monitor-defibrillator for ambulance and hospital
The cardiolife EMS-1052 from Nihon Kohden is a light, compact monitor-defibrillator for fast help in an emergency. The device weighs 4.2 kg and is ready for use 4 seconds after it is switched on.
You operate the device with a touchscreen and a rotary knob. Defibrillation takes three steps.
What the device can do
Defibrillation: manual and in AED mode.
Synchronised cardioversion.
External pacing.
Measuring and monitoring
According to the manufacturer’s product page, the device measures 3-lead ECG, SpO2, CO2 (capnography with the cap-ONE sensor), non-invasive blood pressure (NIBP), 18-lead ECG (synECi18), invasive blood pressure (IBP), temperature and cardiac output. Which measurements come with your version, we discuss with you beforehand.
synECi18: 18-lead ECG
synECi18 derives six extra leads from a 12-lead ECG, without you attaching extra electrodes. It gives information about the posterior wall and the right ventricle, intended for patients with a STEMI.
CO2 and ETCO2
You use the cap-ONE sensor to confirm the position of the tracheal tube, to monitor the quality of CPR and to indicate ROSC.

Specifications

Type	Light, compact monitor-defibrillator for emergency care, for ambulance and hospital.
Therapy	Manual defibrillation, defibrillation in AED mode, synchronised cardioversion and external pacing.
Operation	Touchscreen and rotary knob. Defibrillation in three steps.
Ready for use	4 seconds after switch-on.
Weight	4.2 kg.

Protection	IP55 (dust and water).
Drop test	Up to 1.22 m.
Operating temperature	-20 to 50 °C.
Measurement parameters	3-lead ECG, SpO2, CO2 (capnography with the cap-ONE sensor), NIBP, 18-lead ECG (synECi18), IBP, temperature and cardiac output.
18-lead ECG	synECi18 derives six extra leads from a 12-lead ECG, without extra electrodes. For information about the posterior wall and the right ventricle in STEMI patients.
ETCO2 tone	Five different sounds for five ETCO2 ranges, from high to low.
AED mode	Continuous VF/VT analysis. The device charges while the first analysis is being confirmed. According to the manufacturer, Clear Wave Pads filter out interference from CPR.
CPR feedback	With the CPR assist (CPR-1100), wirelessly: feedback on the rate and depth of the compressions.
Data	Supports data transmission. Details on request.
Other specifications	On request. Ask us for the full technical data of this model.
Source	Product page for the cardiolife EMS-1052 from Nihon Kohden Europe. The page does not mention dimensions, battery, energy levels, waveform, screen size or printer.

Request cardiolife EMS-1052

Price always on request. We send a quote tailored to you, for one system or several.

Call 033 434 50 60 · info@vcmmedical.nl · vcmmedical.nl/en/request-a-quote/

Product sheet of 12 November 2026, generated automatically from the data on the website. Subject to change. Current data: vcmmedical.nl/en/systems/cardiolife-ems-1052/