Nihon Kohden · Reanimatie en AED’s

ARM XR

Mechanical chest compression that continues during movement and transport, so the team has their hands free. Continuous or 30:2, at 100 to 110 compressions per minute.

Rate	Modes	Battery
100 to 110 per minute	**Continuous or 30:2**	**About 1 hour**

Description

Mechanical chest compression
The ARM XR is an automatic chest compression system for patients in cardiac arrest. You switch from manual to mechanical CPR in a few seconds. The compressions continue during a long resuscitation and during transport, so the team has their hands free.
How it works
Suction cup piston: delivers the compressions and lets the chest recoil by up to 1.5 cm.
Frame with back plate: a light frame with an integrated back plate.
Straps: secure the patient’s arms and the device during transport to the hospital or the cardiac catheterisation room.
Depth: the device determines the depth from the front-to-back dimension of the patient’s chest, measured at the position of the piston.
Two modes
Continuous: uninterrupted compressions. Protocol 30:2: 30 compressions, then a 3-second pause for two ventilations. A sound signal is given before each pause. In both modes the rate is 100 to 110 compressions per minute.
Which patient
The ARM XR is for adults only. The chest width is at most 44.4 cm and the chest height is between 18.8 and 32.3 cm. The patient’s weight does not matter.

Specifications

Type	Automatic chest compression system for adults in cardiac arrest (type number RMU-2000).
Modes	Continuous, or protocol mode 30:2: 30 compressions, then a 3-second pause for two ventilations, with a sound signal before each pause.
Rate	100 to 110 compressions per minute.
Compression time	50% (± 5%) of the cycle.
Depth	Adjustable from 38 to 60 mm; target depth 46 to 56 mm, determined by the front-to-back dimension of the chest.
Recoil	Suction cup piston with up to 1.5 cm of chest recoil.

Patient	Adults only. Chest width at most 44.4 cm, chest height 18.8 to 32.3 cm. Not limited by weight.
Dimensions	63.5 × 50.8 × 22.9 cm (assembled). Carry case 53.3 × 48.3 × 28.0 cm.
Weight	7.5 kg, with battery.
Battery	Rechargeable lithium-ion battery, 18.0 V, 5,600 mAh. About 1 hour of use (nominal patient, new battery, 25 °C). Charges in under 3 hours.
Mains adapter	Input 100 to 240 V, 50/60 Hz.
Operating temperature	0 to 40 °C.
Storage and transport	-20 to 60 °C, humidity 5 to 95% without condensation.
Air pressure	620 to 1,060 hPa.
Data	Event and status data to a PC, wirelessly via Bluetooth or via USB.
Other specifications	On request. Ask us for the full technical data of this model.
Source	ARM XR brochure (this text is based on the English brochure). The brochure does not mention consumables.

Request ARM XR

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/arm-xr/