Nihon Kohden · Cardiologie

Cardiofax M

ECG-3350

ECG-3350 electrocardiograph with 8.0-inch colour screen, ECAPS 12C analysis, 500 samples/s and more than 180 minutes of battery life.

Screen	Sampling rate	Battery life
8.0-inch colour TFT,…	**500 samples/s**	**more than 180 minutes**

Description

The Cardiofax M (ECG-3350) is an electrocardiograph with an 8.0-inch colour screen and the ECAPS 12C analysis program. Waveform processing works at 500 samples/s and, with the optional software QP-230E, the unit offers a synthesised 18-lead ECG (synECi18). Data can be output via LAN, USB or SD card in DICOM or PDF format.

Specifications

Model and order code	ECG-3350; order code ECG-3350-00K4
Leads	12 leads; 1 input channel
Sampling rate	Waveform processing: 500 samples/s, 1.25 µV/LSB. ECG input: 16,000 samples/s per channel. A/D conversion: 24 bit.
Filters	EMG filter 25 / 35 Hz; high-cut filter 75, 100, 150 Hz (-3 dB); AC line filter 50 / 60 Hz; baseline suppression weak 0.1 Hz (-20 dB), strong 0.1 Hz (-34 dB); time constant >=3.2 s
Sensitivity and pacemaker detection	Sensitivity 5, 10, 20 mm/mV; pacemaker detection available
ECG input	Input impedance >=50 Mohm at 0.67 Hz; common mode rejection ratio >105 dB; frequency characteristic 0.05 to 150 Hz (+0.4 dB / -3.0 dB); defibrillation-proof input protection
Heart rate measurement	Measurement and display range 30 to 300 bpm; accuracy ±10% (30 to 240 bpm)
Screen	8.0-inch, colour TFT LCD, 800 × 480 dots; shows 12-lead ECG, patient data, recording settings, heart rate, QRS sync marker, error messages, electrode detachment and noise
Recorder and paper	Thermal line recording, 200 dpi; channels 3, 3+Rhythm, 6, 12; speed 5, 10, 12.5, 25, 50 mm/s; paper 210 mm wide, 30 m long, Z-fold / 216 mm wide; extended recording and grid recording available

ECG analysis program	ECAPS 12C: approx. 200 findings, 5 assessment items; age groups neonate, child, adult. Including interpretation of Brugada-type ECG.
synECi18	Function for synthesised 18-lead ECG: 6 additional leads (V3R, V4R, V5R, V7, V8, V9) derived from the standard 12-lead ECG. Optional program QP-230E.
Memory	The most recent 3 minutes of all leads are stored internally; a portion can be selected for recording and analysis.
Data output and storage	Via wired LAN or built-in wireless LAN module; USB memory or SD card as external storage. Output files: DICOM, PDF (with SD card/USB memory). External printer available. Patient data can be received from an external server.
Connections	USB 1.1 type A: 2; SD card slot: 1; LAN port: 1
Power	100 to 240 V AC ±10%, 50 / 60 Hz ±2%, <=150 VA
Battery	Battery pack 12 V; operates for more than 180 minutes; charging time within 3 hours
Dimensions and weight	255 (W) × 420 (D) × 140 (H) mm including handle; 4.7 kg
Protection against water	IPX0 (not protected)
Operating environment	Temperature 5 to 40°C; relative humidity 25 to 95% (non-condensing); air pressure 700 to 1,060 hPa

Request Cardiofax M

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/cardiofax-m/