Nihon Kohden · Cardiologie

Cardiofax V

ECG-2450

Electrocardiograph for resting and exercise ECG with 12.1" touchscreen, ECAPS 12C analysis and synECi18; internal storage for 18,000 ECG files.

Screen	Internal memory	Analysis
12.1" TFT LCD,…	**18,000 ECG files**	**ECAPS 12C +…**

Description

The Cardiofax V is an electrocardiograph for resting and exercise ECG with a 12.1" touchscreen on which the ECG can be viewed before recording. The ECAPS 12C analysis program provides approx. 200 findings and synECi18 makes 18-lead information available from a 12-lead ECG. The internal memory has room for 18,000 ECG files.

Specifications

Model	ECG-2450
Screen	12.1" TFT LCD, resolution 1024 × 768, touchscreen
Measurement modes	Standard 12-lead, 15-lead, Cabrera or Nehb leads, RR interval test, exercise test (option), signal-averaged ECG test (option)
Filters	Hum filter: 50 or 60 Hz. Drift filter: strong, weak or off. EMG filter: 25 or 35 Hz (-3 dB). High-cut filter: 75, 100 or 150 Hz (-3 dB). Low-frequency characteristic: time constant 3.2 s or more.
Sampling rate and resolution	Input: 16,000 samples per second; waveform data processor: 500 samples per second; resolution 1.25 µV/LSB
Heart rate measurement	Measurement and display range 30 to 299 bpm; accuracy ±10% (30 to 240 bpm)
ECG analysis	ECAPS 12C: approx. 200 findings, 5 assessment categories, patient age 3 years to adult. Simultaneous 12-lead acquisition up to 24 seconds. synECi18 provides 18-lead information from a 12-lead ECG (V3R to V5R and V7 to V9).
Recorder	Thermal head, 200 dpi; channels 3, 3+Rhythm, 6, 6+Rhythm, 12, 15; recording speed 5, 10, 12.5, 25, 50 mm/s
Recording paper	Width 210 or 216 mm; Z-fold or roll; in the device 30 m, on the cart 100 or 300 m

Storage and transfer	Up to 18,000 ECG files in the internal memory; approx. 48,000 on an SD card. Transfer to PC via USB, SD card, LAN or WiFi; output as PDF and DICOM.
Connections	Input box connection: 2; LAN: 1 (10baseT, 100baseTX or 1000baseT); RS-232C: 2; USB 2.0: 4; SD card slot: 1; sub-screen connection: 1; speaker: 1
Power and battery	Mains voltage 100 to 240 V, 50 or 60 Hz ±5%, 220 VA. Built-in battery 14.4 V; operates for more than 30 minutes; charging time less than 6 hours.
Dimensions and weight	Main unit 340 (W) × 153 (H) × 455 (D) mm with display closed; 340 × 380 × 502 mm with display open. Weight approx. 8.6 kg (incl. battery, excluding other options). Input box: 105 × 30 × 123 mm, approx. 220 g.
Exercise test (option)	Can be connected to a treadmill or ergometer for 12-lead ECG during exercise. Software QP-246E (option); standard protocols BRUCE, m-BRUCE and SHEFFIELD for treadmill.
Operating environment	Temperature 5 to 40°C; relative humidity 25 to 95% (non-condensing, except recording paper); air pressure 700 to 1060 hPa

Request Cardiofax V

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-v/