



cardiofax 

Electrocardiograph ECG-2550

Fully interpretive 12 and 15 lead resting ECG,
with advanced features including Data Capture

CardiofaxG ECG-2550

Reliable, accurate &
designed to perform

- Fully interpretive 12 and 15 lead resting ECG
- Provides more than 200 findings with detailed analysis
- RR interval test with heart rate variability (HRV) analysis
- Data Capture preview system
- Four-year warranty



Advancing ECG Acquisition & Analysis

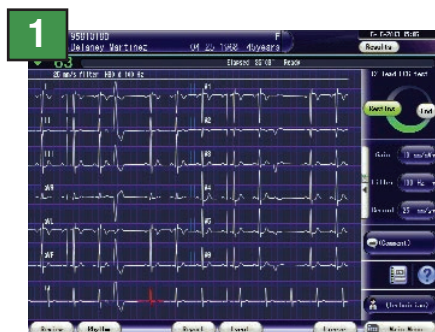


Capture the optimal ECG, before you select and print

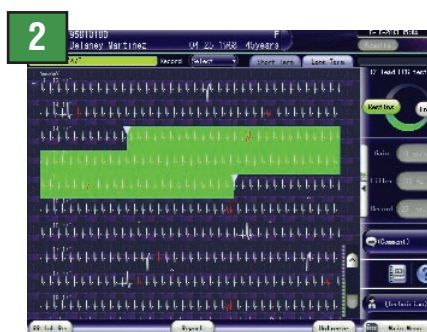
The Data Capture System (DCS) of the CardiofaxG allows you to collect and store up to 10 minutes of ECG data, then scroll back to precisely select the most representative clinical ECG data to save for analysis, interpretation, and physician review.

- Eliminates the need for costly retesting
- Increases efficiency and improves the clinical significance of the test

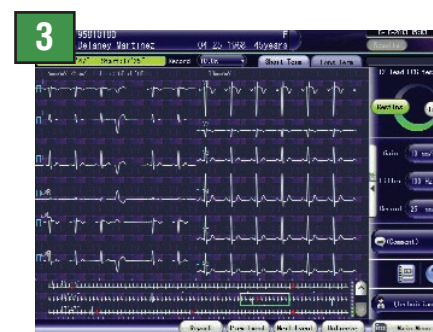
Data Capture System: Review. Select. Analyze.



Review up to 10 minutes of ECG data.



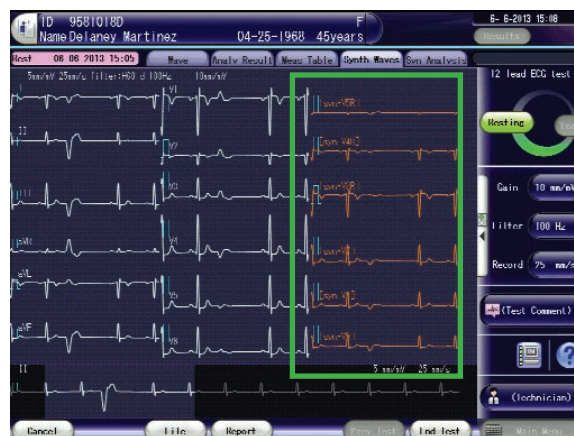
Select the best test data.



Analyze the selected test segment.
Print report.

Get more information from your ECG Exam — Introducing Synthesized 18 lead ECG*

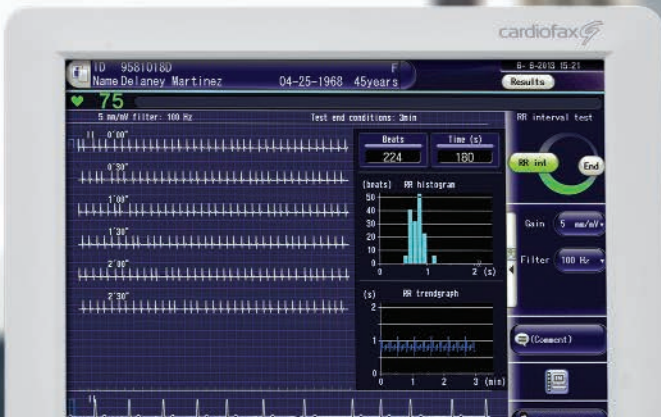
Developed by Nihon Kohden, SynECi-18 is an innovative new technology that obtains 18 lead data from a standard 12 lead ECG. The additional 6 leads of synthesized data may help with the detection of ECG changes that can be missed with conventional 12 lead technology, including invisible ischemia.



The synthesized 18 lead ECG derives the waveforms of the right chest leads (V3R, V4R, V5R) and posterior leads (V7, V8, V9).

* Not available for sale or use in the United States, pending FDA clearance.

Simple & Intuitive Operation



Customizable, One-Click Operations

Function keys and on-screen icons make operation easy and intuitive.

Four customizable function keys simplify testing by assigning commonly used functions to a single touch, speeding operation and aiding workflow.

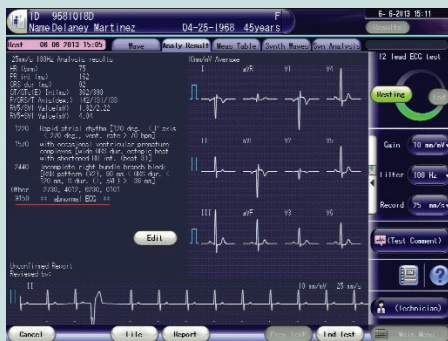
High-resolution, 15-inch touch-screen display

The display of the CardiofaxG is the same size as the recording paper, showing actual size waveforms on the screen.

Built-in Ethernet and optional Wi-Fi

Simplify connection to leading cardiology platforms.

On-Screen Tools



Patient ECG Exam Reference

Past 12 lead ECG exams, with physician comments, can be viewed on-screen during subsequent tests.



Lead Check

The limb and chest leads are checked for signal quality. Detailed guidance and error messages are displayed on-screen.

On-Screen Operation Guide

Full 12 lead ECG procedure guide is quickly accessed to support technician efficiency.

Streamlined Set-up & Operation

Easy lead connection

Individual lead wires can be easily exchanged. Different length leads are available to suit the exam environment. The input box also allows for 15 lead studies, using optional lead wires.

Lead wires and separators are designed to prevent tangling and enable easy cleaning.

Multiple clip options are available.

Start/Stop button on input box

The input box has a start/stop switch so the technician can also operate the CardiofaxG while near the patient.



Swivel and tilt screen

The screen can be easily adjusted allowing the technician to have complete access to the display anywhere at the bedside.



Space-saving tabletop design

Flat printing surface makes it easy to add notes to tests and reports.



Nihon Kohden

Improving the quality of life through advanced medical technology

Recognized worldwide as an innovator of medical technologies supporting the cycle of care.

A market leader in patient monitoring, sleep diagnostics, neurology and cardiology instrumentation, Nihon Kohden products are used globally in hospitals, physician offices, mobile services, outpatient settings, and surgery centers.

See our full line of ECG models at nkecg.com



Specifications

ECG Acquisition		ECG Analysis	
Sensitivity	10 mm/mV \pm 5%	Program name	ECAPS 12C
Input impedance	20 M Ω or more	Analysis time	10 to 24 sec.
Common mode rejection ratio	110 dB or more	RR Interval measurement	Yes
Measurement modes	Standard 12 lead, 15 lead or XYZ lead	Pacemaker detection	Yes
Signal Processing		Findings	approx. 200
Acquisition sampling rate	16,000 samples/sec.	Judgment categories	5
Analysis sampling rate	500 samples/sec.	Dimensions and Weight	
AC interference filter	50/60Hz	Dimensions – inches	15.75" W x 17.83" H x 17.32" D (excluding protrusions)
Time constant	\geq 3.2 s	Weight – Main unit	24 lbs (including battery, excluding other options)
High cut filter	75, 100, or 150Hz (-3dB)	Power Requirements	
EMG filter	25 or 35Hz (-3dB)	Power line voltage	AC 100 V to 240 V (50, 60 Hz), 220 VA
Display		Type of protection against electric shock	CLASS I EQUIPMENT (AC Powered) Internally powered equipment (Battery Powered)
Type	Color Touchscreen (TFT LCD)	Degree of protection against electric shock	Defibrillator proof type CF applied part
Display size	15 inch	Accessories	
Resolution	1024 x 768	Battery pack	SB-201D
Data Display	12/15 lead ECG waveform, patient information, recording settings, operation mode, heart rate, QRS sync mark, CAL mark, electrode detachment, lead reversal, customizable help screens	Patient cable hanger	KH-210D
Recorder		SD memory card	QM-001D
Printing process	High resolution thermal print head	Wireless LAN converter	NK-SXBR4600
Number of channels	3, 6, 12, or 15 channels	Bar code scanner	LS2208-SR20001R
Paper speed	5, 10, 12.5, 25, 50 mm/s	Options	
Recording paper	210 or 216 mm width, 30 m long Z-fold or roll type 210 or 216 mm width, 100 or 300 m long Z-fold or roll type, outside the instrument	Transport cart	NK-CART25



Nihon Kohden America, Inc.
90 Icon, Foothill Ranch, CA 92610
www.nkusa.com

www.nkecg.com

800.325.0283 | 949.580.1555