

Cardiac Monitoring

NIDEK ECG Machine ECG-712

Bold, Robust and Intuitive

Nidek India's Electrocardiograph machines are one of the basic diagnostic tools for cardiologists and general physicians.

They can be used to perform routine diagnostic checks. The machines are simple to use and precise, thus, making the diagnosis easy to perform and analyze.

Nidek's ECG machines are available in several models suited to the physicians and patient's needs and requirements.

Product descriptions appear in the following pages.



Specifications

Lead	standard 12/15/18 leads
lead acquisition	12/15/18 leads synchronously acquisition
Work mode	12 leads: MAN, AUTO, R-R, STOR
	15 leads: MAN, AUTO, AUTO 15, R-R, STOR
	18 leads: MAN, AUTO, AUTO 15, AUTO 18, R-R, STOR
Filter	AC Filter: 50Hz / 60Hz I Off
	EMG Filter : 25Hz / 45Hz/ Off
Common Mode Rejection	<1mV
Input circuit	Floating; Protection against defibrillator effect
Input Impedance	22.5M Ω (10H2)
Calibrating voltage	1mV \pm 5%
Sensitivity	2.5,5, 10, 20, 40, mm/mV (\pm 3%)
Paper speed	6.25, 12.5, 25, 50mm/s (\pm 3%)
System error	< \pm 5% or < \pm 40V
Impulse and frequency response	Method A and Method B system test method
Inter-channel Interference	<2%
HR range	30 - 300 BPM (\pm 1 BPM)
Sampling rate	4000Hz / channel
Recording format	15 leads: 3ch+++, 6ch, 6ch+, 12ch, 6ch+++
Paper Specification	18 leads: 3ch+++, 6ch, 6ch+, 12ch, 6ch+++, 9ch+
	210mmx30m, Roll paper (standard configuration)
	210mm x140mm Z-Fold paper (optional)
LCD display	800x480 graphic 7 inch color LCD
Patient cases storage	250 patient cases (Internal SD card is optional)
Communication interface	USB, UART
AC Power	100V-240V (\pm 10%), 50/60Hz (\pm 1Hz), power 60VA
DC Power	Rated voltage/ capacity: 14.4V / 4400mAh (Li-ion battery)
	Rated charging current: 1300mA (constant voltage constant current)
Measurement and weight	310mm x 278mm x 76mm, 3.0Kgs.
Environmental Requirements	
Ambient temperature: -20 ° C-+55 ° C	Ambient temperature: +5°C~+40°C
Relative humidity: 25% to 93%	Relative humidity: 25% to 80% (no condensation)
Atmospheric pressure: 700hPa~1060hPa	Atmospheric pressure: 700hPa~1060hPa



Nidek Medical India Private Limited

Head Office: 238 B, A.J.C. Bose Road, Kolkata 700 020

Tel: (033) 4017 7000, E-mail: sales@nidekindia.com

Website: www.nidekindia.com

Branch Locations:

New Delhi | Mumbai | Chennai | Hyderabad | Lucknow

Pune | Nagpur | Ahmedabad | Chandigarh | Indore

Bangalore | Kochi | Guwahati

Customer Care: +91 93395 66444