

EKG

MIDMARK IQECG

ABOUT

The Midmark IQecg is designed with the physician and technician in mind to be easier to use and improve the clinical workflow.

IQecg is designed to work seamlessly with today's top EMRs in various healthcare IT environments to save time and improve outcomes.

FEATURES

Midmark IQconnect framework enables the creation of an intuitive user interface that enhances workflow efficiency by minimizing the number of clicks required.

The enhanced workflow remains familiar thanks to new screen designs, color palettes, digital calipers, side-by-side comparison on the screen, and editing tools featuring free-text fields..

We have simplified all processes, including accessing the patient's chart, connecting the patient, conducting tests, and effortlessly saving the data to the chart.



SPECIFICATIONS

DIMENSIONS

WIDTH: 6.8 in (17.5 mm)

LENGTH: 11.2 in (28.3 mm)

HEIGHT: 20.7 in (52.7 mm)

WEIGHT: 10.2 oz (0.29 kg)

ECG ACQUISITION

12 leads, simultaneous.

Input impedance: > 2.5 M Ω

Frequency response: 0.05-150 Hz

Gain sensitivity: 5, 10, 20 mm/mV

Dynamic range: +/- 5 mV

ADC resolution: 2.42 μ V/LSB

Acceptable electrode offset: +/- 300 mV

Sampling rate: 500 samples/sec

Channel-to-Channel skew: 65 μ s

Pacemaker detection: per IEC 60601-2-25

Note: For IQecg devices with serial numbers beginning with "L" to be IEC 60601-2-25 compliant, they must have software plug-in v10.0.10.9 or above.

PATIENT CONNECTION

The patient cable, equipped with an RFI filter, defibrillator protection, and patient isolation, consists of 10 leads.

MONITOR

The minimum resolution required may differ depending on the computer system, typically being 1024 x 768.

ECG ANALYSIS & MEASUREMENT

Midmark 12-Lead Resting Electrocardiogram Analysis Program.

PRINTER

Windows[®]-supported inkjet or laser printer.

PAPER

Plain 8.5" x 11" (Letter size).

INTERPRETATION ALGORITHM

The Midmark ECG Analysis Program does not factor in the iso-electric segments when measuring the duration of the Q-wave, R-wave, or S-wave within the overall QRS complex.