



MIDMARK'S FAMILY OF 12-LEAD RESTING ELECTROCARDIOGRAPHS

Midmark IQclassic™

- **Backlit LCD Display**

High-resolution display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG

- **VERITAS™ Resting ECG Interpretation Algorithm**

Internationally recognized resting ECG interpretation algorithm with age (adult and pediatric) and gender criteria provides a silent second opinion for 12-lead ECG interpretation

- **Full Keyboard**

Alphanumeric elastomer keyboard includes dedicated, "one-touch" buttons for ECG acquisition, rhythm printing and ECG transmission

- **Full-Size, Z-Fold Paper**

Full-size paper (8.5" x 11" or A4 supported) output includes multiple standard or Cabrera print options, including 3+1, 3+3, 6-channel and 12-channel outputs

- **Internal Storage**

Internal storage for up to 60 digital ECG records

- **Diagnostic Quality**

Full diagnostic ECG quality with hi-fidelity acquisition sampling rate of 10,000 samples per second per channel (a benefit for accurate pacemaker detection), 1,000 samples per second analysis rate, and 300 Hz signal for pediatric application

- **Connectivity Options**

Bidirectional communication via serial port, internal modem (FAA), LAN or wireless LAN with security for WEP, WPA-PSK and CISCO® LEAP

Why a physician might select the IQclassic™:

Minimal in-service or facility adoption

Superior data quality from a traditional "classic" ECG

To perform and transmit FAA data

IQclassic™

Features

Intuitive user interface	Quick to learn, easy to use
Preview and monitor	Real-time preview of 12-lead ECG and post-acquisition review of acquired ECG
Acquire and store	Internal storage for up to 60 digital ECG records
Interpretation algorithm	VERITAS™ resting ECG interpretation algorithm with age (adult and pediatric) and gender criteria
Waveform display	Backlit 1/4 LGA LCD; 3-lead groups, 8 or 12-lead presentation
Data entry	Full keyboard with “one-touch” buttons for ECG acquisition, rhythm printing and ECG transmission
Reports	Full-size, (8.5" x 11" or A4) Z-fold paper output for multiple standard or Cabrera print options including 3+1, 3+3, 6-channel and 12-channel outputs (tray holds 250 sheets)
Connectivity options	Communication via serial port, internal modem, LAN or wireless LAN with security for WEP, WPA-PSK and CISCO® LEAP.
FAA capable	FAA/modem optional

Safety Parameters

Meets or exceeds the requirements of ANSI/AAMI ES1

Device Classification

Class I, Type CF defibrillation-proof applied parts

Physical Characteristics

Weight	11.25 lbs (5.1 kg) including battery (without paper)
Dimensions	15.5" x 17" x 4" (39.4 cm x 43.2 cm x 10.2 cm)
Power	Universal AC power supply (100-240 VAC at 50/60 Hz) 50 VA; internally rechargeable battery

ECG Acquisition

Input impedance	Meets or exceeds the requirements of ANSI/AAMI EC11
Standard leads	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
Frequency response	0.05 to 300 Hz
Filters	High-performance baseline filter; AC interference 50/60 Hz; low-pass filters 40Hz, 150 Hz or 300 Hz
A/D conversion	20 bits (1.17 microvolt LSB)
Digital sampling rate	10,000 samples/sec/channel used for pacemaker spike detection
Analysis rate	1,000 samples/sec/channel used for recording and analysis
Thermal printer	Computer-controlled dot array; 8 dots/mm
Thermal printer speeds	5, 10, 25 or 50 mm/s
Gain settings	5, 10, or 20 mm/mV
Report print formats	Standard or Cabrera: 3+1, 3+3 channel, 6-channel, 12-channel
Rhythm print formats	3-channel, 6-channel or 12-channel with configurable lead groups

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VERITAS® is a trademark of Mortara Instrument, Inc.

Midmark IQclassic™ - RS232 Serial Port	4-000-0070
Midmark IQclassic™ - Internal Modem/FAA & RS232	4-000-0071
Midmark IQclassic™ - LAN & RS232	4-000-0072
Midmark IQclassic™ - LAN/WLAN & RS232	4-000-0073