



# MIDMARK'S FAMILY OF 12-LEAD RESTING ELECTROCARDIOGRAPHS

## Midmark IQflex™

- **Partnered by Design**

The Midmark IQflex™ resting ECG provides complete functionality in a compact size. Easy to use, the IQflex™ offers superior signal quality, accurate and reliable ECG interpretation, full-size printouts and much more.

- **High-Resolution LCD Color Display**

Preview up to 12 leads simultaneously before printing. Heart rate, print speed, gain, filter, time and other menu selections are all visible at a glance.

- **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.

- **Choice of Wired or Wireless ECG Acquisition (WAM™)**

The Midmark IQflex™ ECG offers the choice of either a USB acquisition module or a wireless acquisition module (WAM™), both with replaceable lead wires and remote control of the IQflex™ with dedicated buttons for ECG acquisition and rhythm printing.

- **Diagnostic Quality**

Full diagnostic ECG quality with a hi-fidelity acquisition sampling rate of 40,000 samples per second per channel (a benefit for accurate pacemaker detection), a 1,000 samples per second analysis rate and a 300 Hz signal for pediatric application.

- **Efficient Power Management**

The Midmark IQflex™ is powered by AC or an internal battery that only needs a recharge after 200 ECGs.

### Why a physician might select the IQflex™:

- Remote control of ECG and rhythm strip
- Secures investment for future function as a PC-based solution
- Wireless or mobile acquisition module options

## IQflex™

Features	
Intuitive user interface	Quick to learn, easy to use
Preview and monitor	Preview up to 12 leads simultaneously before printing
Acquire	USB acquisition module and wireless acquisition module; Lead wires are replaceable
Interpretation algorithm	VERITAS™ resting ECG interpretation algorithm with age (adult and pediatric) and gender criteria
Waveform display	Backlit, ¼ VGA 320 x 240 LCD color display, 4+4 or 6+6 lead presentation
Data entry	Remote control with buttons for ECG acquisition and rhythm printing
Reports	Thermal roll paper; 8.25" (210 mm) wide
Safety Parameters	
Meets or exceeds the requirements of ANSI/AAMI ES1	
Device Classification	
Class I, Type CF defibrillation-proof applied parts	
Physical Characteristics	
Weight	8 lbs. (3.63 kg) including battery (without paper)
Dimensions	11.25" x 8" x 3.75" (29.2 cm x 20.3 cm x 10.2 cm)
Power	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internally rechargeable battery
ECG Acquisition	
Input impedance	Meets or exceeds the requirements of ANSI/AAMI EC11
Standard leads acquired	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
Digital sampling rate	40,000 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 50mm/s
Gain settings	5, 10, or 20 mm/mV
Report print formats	Standard or Cabrera; 3+1 channel, 6-channel, 12-channel
Rhythm print formats	3-channel, 6-channel or 12-channel with configurable lead groups

VERITAS® is a trademark of Mortara Instrument, Inc.

WAM® is a trademark of Mortara Instruments, Inc.

Midmark IQflex™ - USB Acquisition Module 4-000-0076

Midmark IQflex™ - Wireless Acquisition Module (WAM) 4-000-0077