



# 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

Midmark IQflex™



## 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