



Actual Size Shown

## Ultra Compact ECG Holter Recorders

# Model 1303/1306

Vasomedical-BIOX™ 1303  
Ultra Compact 3-Channel ECG Holter Recorder

Vasomedical-BIOX™ 1306  
Ultra Compact 12-Channel ECG Holter Recorder

The Vasomedical-BIOX™ 1303/1306 Ultra Compact 3-Channel and 12-Channel ECG Holter recorders with LCD screen capture all the important data you require, while allowing your patient the ease and comfort of the smallest ECG Holter recorders on the market today.

### ADVANCED TECHNOLOGY

- Advanced miniaturization provides an ultra compact, ultra lightweight ECG Holter design (2.6 x 2.1 x 0.7 inches<sup>3</sup> / 65 x 52 x 18 mm<sup>3</sup> and 1.76 oz / 50 g excluding AAA battery)
- High resolution and sample rate enable high quality ECG signal capture with less artifact
- Advanced amplifier and A/D converter design allows for exceptional signal fidelity
- Independent pacemaker and VLP detection
- Low power consumption - One AAA battery allows recording for 72 hours

### CONVENIENCE AND EASE OF USE

- Easy-to-read LCD display enables real time ECG viewing hook-up, eliminating inefficient and costly re-testing
- Easy push-button setup and fast download/analysis reduce technician time
- Removable SD memory card enables quick data transfer and turnaround of the recorder
- Ultra compact and lightweight for patient comfort

**Vasomedical**™ **BIOX**

# VASOMEDICAL-BIOX™ 1303/1306 SPECIFICATIONS

## GENERAL

- ▶ Accessories:
  - 2 GB SD memory card
  - USB SD memory card reader
  - 5 or 7 lead ECG patient cable (Model 1303)
  - 5, 7 or 10 lead ECG patient cable (Model 1306)
- ▶ Carrying case & strap
- ▶ Recorder user manual
- ▶ User Software CD
- ▶ Recording time: 24, 48 or 72 hours
- ▶ Storage medium: SD card
- ▶ Memory size: 1 GB minimum
- ▶ Data transfer: Full disclosure transfer via USB card reader
- ▶ Batteries: 1 "AAA" size alkaline battery
- ▶ Dimensions: 2.6 x 2.1 x 0.7 (inches<sup>3</sup>) / 65 x 52 x 18 (mm<sup>3</sup>)
- ▶ Weight: 1.76 oz / 50 g (without battery)
- ▶ Case material: ABS plastic
- ▶ Operation Environment:
  - Temperature: 50 - 104°F / 10 - 45° C
  - Relative humidity: 10 - 95%
  - Atmospheric pressure: 646.6 - 797mmHg / 86 - 106 kPa
- ▶ Regulatory compliance: FDA Cleared / CE Marked / Health Canada Listed  
ISO 13485 Certified



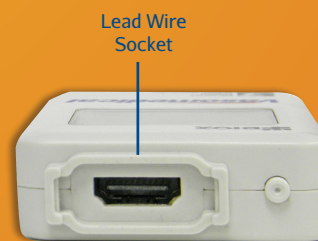
Vasomedical BIOX™ 1303/1306 Front View

## ECG

- |                            | Model 1303  | Model 1306 |
|----------------------------|---|------------|
| ▶ No. of ECG channels      | 3   | 3 or 12    |
| ▶ No. of ECG electrodes:   | 5 or 7  | 5, 7 or 10 |
| ▶ Pacemaker detection:     | Specified during setup (using software)   |            |
| ▶ Input dynamic range:     | ±5 mV ECG, ±300 mV DC offset voltage  |            |
| ▶ Input impedance:         | >10 MΩ  |            |
| ▶ CMMR:                    | >80 dB  |            |
| ▶ Gain accuracy:           | Maximum amplitude error <10%  |            |
| ▶ Gain stability:          | Change <3% over a 24-hour period  |            |
| ▶ System noise:            | <50 μVp-v   |            |
| ▶ Multi-channel crosstalk: | <0.2 mVp-v  |            |
| ▶ Bandwidth:               | 0.05 Hz - 40 Hz (±3 dB)   |            |
| ▶ Minimum feature size:    | 50 μVp-v  |            |
| ▶ Timing accuracy:         | Overall error during 24-hour period <30 s   |            |
| ▶ Sampling rate:           | 256 Hz/channel<br>10,000 Hz/channel for pacemaker detection<br>1,000 Hz/channel with SAECG option |            |
| ▶ Resolution:              | 10 bit<br>12 bit with SAECG option  |            |



Vasomedical BIOX™ 1303/1306 Back View



Vasomedical BIOX™ 1303/1306 Top View