

## 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



Actual Size Shown

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)
- ▶ 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) / 65 x 52 x 18 (mm)
- ▶ 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

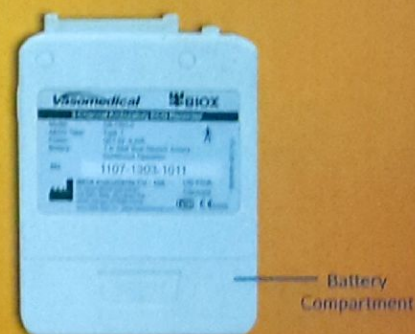
- Carrying case & strap
- Recorder user manual
- User Software CD



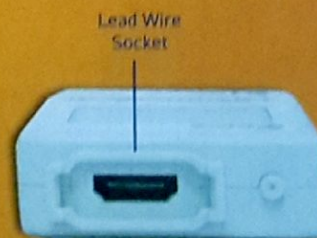
Vasomedical BIOX™ 1303/1306 Front View

## 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