

Ultra Compact ECG Holter Recorders



Actual Size Shown

Model 1307/1308

Vasomedical-BIOX™ 1307 Ultra Compact
3-Channel ECG Holter Recorder

Vasomedical-BIOX™ 1308 Ultra Compact
12-Channel ECG Holter Recorder

The Vasomedical-BIOX™ Ultra Compact 3-Channel and 12-Channel ECG Holter recorders with color LCD display, 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 2.0 x 0.6 inches³ / 67 x 53 x 15.5 mm³ and 1.4 oz / 40 g excluding AAA battery)
- High resolution and sample rate enable high quality ECG signal capture with less artifact
- Advanced amplifier and A/D converter allows for exceptional signal quality
- Independent pacemaker detection and VLP measurement

CONVENIENCE AND EASE OF USE

- Easy-to-read color LCD display enables real-time ECG viewing hook-up, eliminating inefficient and costly re-testing
- Easy two-button configuration and fast data downloading/analysis to reduce technician operation time
- Removable SD memory card enables quick data transfer and turnaround of the recorder
- Ultra compact and lightweight for patient comfort
- Low power consumption - One AAA battery allows recording for 96 hours

Vasomedical™ **BIOX**

VASOMEDICAL®- BIOX® 1307/1308 SPECIFICATIONS

GENERAL

- ▶ Accessories:
 - 2 GB SD memory card
 - USB SD memory card reader
 - 5 or 7 lead ECG patient cable (Model 1307)
 - Carrying case & strap
 - Recorder user manual
 - 5, 7 or 10 lead ECG patient cable (Model 1308)
- ▶ Recording time: 24, 48, 72, 96 hours
- ▶ Storage medium: SD card
- ▶ Memory size: 1 GB or more
- ▶ Data transfer: SD card reader
- ▶ Batteries: 1 AAA alkaline battery
- ▶ Dimensions: 2.6 x 2.0 x 0.6 inch³ / 67 x 53 x 15.5 mm³
- ▶ Weight: 1.4 oz / 40 g (without battery)
- ▶ Case material: PC + ABS plastic
- ▶ Operation Environment:
 - Temperature: 41 - 113°F / 5 - 45° C
 - Relative humidity: 10 - 95%
 - Atmospheric pressure: 647 - 797mmHg / 86 - 106 kPa
- ▶ Regulatory compliance: FDA Cleared / CE Marked / Health Canada Listed
ISO 13485 Certified



Vasomedical BIOX™ 1307/1308 Holter Front View

ECG

- | | Model 1307 | Model 1308 |
|----------------------------|---|------------|
| ▶ No. of ECG channels | 3 | 3 or 12 |
| ▶ No. of ECG electrodes: | 5 or 7 | 5, 7 or 10 |
| ▶ Pacemaker detection: | Set up with software | |
| ▶ Input's dynamic range: | ±5 mV ECG, ±300 mV polarized voltage | |
| ▶ Input impedance: | >10 MΩ | |
| ▶ CMMR: | >80 dB | |
| ▶ Gain accuracy: | Maximum amplitude error <10% | |
| ▶ Gain stability: | <3% change over a 24-hour period | |
| ▶ System noise: | <50 μVp-v | |
| ▶ Multi-channel crosstalk: | <0.2 mVp-v | |
| ▶ Bandwidth: | 3dB Bandwidth: 0.05 Hz - 60 Hz | |
| ▶ Minimum QRS size: | 50uV | |
| ▶ Timing accuracy: | <30 s over a 24-hour period | |
| ▶ Sampling rate: | 128 Hz or 256 Hz for regular ECG
1000 Hz for VLP and pacemaker detection | |
| ▶ Resolution: | 12 bit | |



Vasomedical BIOX™ 1307/1308 Top View



Vasomedical BIOX™ 1307/1308 Back View