



## *Ambulatory Blood Pressure Monitor with Analysis Software*

### **Model 1805**

Vasomedical-BIOX™ 1805  
Ambulatory Blood Pressure  
Monitor with Analysis Software

The Model 1805 is the newest and most advanced Ambulatory Blood Pressure Monitor (ABPM), providing a true arterial pulse waveform along with tabulated numerical BP values to ensure data reliability.

#### **ADVANCED TECHNOLOGY**

- Unique recording and storage of blood pressure values and pressure oscillation waveforms
- Information can be transferred to any PC for visualization of blood pressure values and arterial pulse waveforms
- Dual sensor, dual CPU and dual valve technology ensures patient safety including intelligent overpressure protection and failsafe monitoring
- Digital dual valve provides smooth deflation and accuracy expected from the auscultatory method

#### **CONVENIENCE AND EASE OF USE**

- Intelligent design for patient comfort and compliance while accommodating all arm sizes and blood pressure levels
- Easy-to-read LCD screen enables quick setup and displays key clinical data
- 24 hours of recording time, easily downloaded for quick turnarounds

**Vasomedical**™ **BIOX**™

# VASOMEDICAL-BIOX™ 1805 SPECIFICATIONS

## GENERAL

- ▶ Accessories:
  - Carrying case & strap
  - Blood pressure cuff (Standard adult)
  - Infrared communication adapter
- ▶ Recording time: 24 hours
- ▶ Storage medium: Flash memory
- ▶ Memory capacity: 512 measurements
- ▶ Data transfer: Wireless infrared
- ▶ Batteries: 2 "AA" size alkaline batteries
- ▶ Dimensions: 3.74 x 2.87 x 1.22 (inches<sup>3</sup>) / 95 x 73 x 31 (mm<sup>3</sup>)
- ▶ Weight: 5.29 oz / 150 g (without batteries)
- ▶ Regulatory compliance: FDA cleared / CE Marked / Health Canada Listed  
ISO 13485 Certified

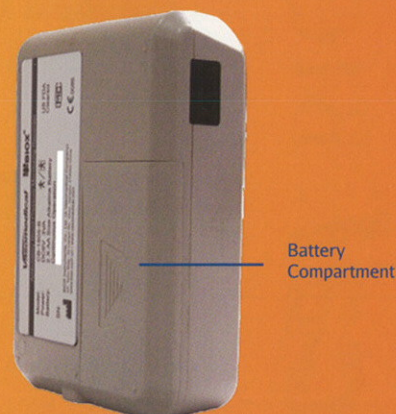
- Recorder user manual
- User Software CD



Vasomedical BIOX™ 1805  
Front View

## BLOOD PRESSURE

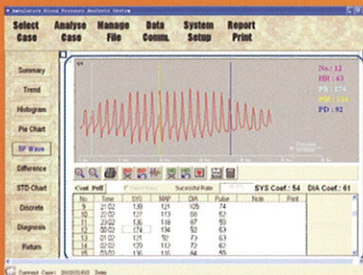
- ▶ Method of measurement: Oscillometric
- ▶ Indicating range: 0 - 300 mmHg
- ▶ Recording range: Systolic: 50 - 260 mmHg  
Diastolic: 30 - 180 mmHg
- ▶ Accuracy: <3 mmHg



Vasomedical BIOX™ 1805 Back View

## DATA ANALYSIS SOFTWARE

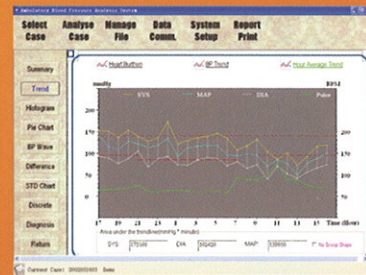
We understand how valuable your time is; the ABPM system includes software which automatically deciphers true waveforms from artifact and provides reviewable analysis techniques to obtain measurements.



Both arterial pulse waveform and tabulated numerical data available for review



Blood pressure histograms



Blood pressure and pulse rate trends