CardioSoft™ Ambulatory Blood Pressure

A broader perspective on cardiac patient management

Ambulatory blood pressure (ABP) readings over time provide critical data. Only an ABP device that is simple to set-up, comfortable to wear, and quick to report will help support high patient compliance and accurate diagnosis.

TONOPORT™ VI meets every requirement

Simple, flexible programming. The TONOPORT VI APB module is simple to set up and program to ensure accurate, validated[2] ABP readings and analysis. BP readings can be set to exact intervals or captured randomly, with day and night programming options.

High-comfort cuff. Monitoring is quiet, comfortable and quick with TONOPORT VI. The innovative inflation measurement method, lightweight design, and low-noise pump enhance patient comfort – helping to increase acceptance of extended monitoring.

- 50% faster inflation with lower maximum pressure
- Quiet pump operation at 40dB – equivalent to a hushed library[3]

Quick-view trend summaries and reporting. Recorded data is easily downloaded and reported via the CardioSoft Cardiac Testing System. The physician sees a comprehensive data set, including up to 72-hour blood pressure trends, averages and statistics for day and night summaries, presented in text and graphics. Reports can be easily exported to EMRs, PACS and MUSE™ systems.

Simple. Comfortable. Quick.

High blood pressure is a major risk factor for **CORONARY HEART DISEASE** as well as **ischemic** and **hemorrhagic stroke**

Worldwide, **hypertension** is estimated to cause **7.5 MILLION DEATHS**[1]

gehealthcare.com

Computer specifications

Microprocessor	Minimum Pentium® 4 class processor with 2 GHz
RAM	Minimum 2 GB
Hard drive	Minimum 80 GB and 4 GB of free space if used as a standalone system
SW installation	DVD-ROM drive or USB
Pointer	Mouse
Display resolution	Minimum: 1280 x 768 Maximum: 3840 × 2160
Interfaces	Minimum: 2 USB ports (1.1, 2.0, or 3.0) for each device using this type of interface, CD-RW, SD card, network interface card (recommended), Serial RS232 for each device using this interface type
Operating system	Windows® 10 Enterprise (64 bit) Windows 10 Professional (64 bit) Windows 8.1 Enterprise (64 bit) Window 8.1 Pro (64 bit) Windows 7 Professional (64 bit) with SP1
Printer	Equivalent to HP® P3015dn (Customer Supplied)
Additional software for export functionality	Microsoft® Word and Excel® (optional, Customer Supplied)
Networking LAN	Wired and Wireless: 802.11 G (optional) TCP/IP interface

Ambulatory BP Specification

Measuring range	Systolic pressure: 60–260 mmHg (8.0–34.6 kPa) Diastolic pressure: 40–220 mmHg (5.3–29.3 kPa) Mean pressure: 50–250 mmHg (6.7–33.3 kpa) Heart rate (HR): 35–240 beats per minute

Acquisition period	Up to 400 measurements or 3 days
Interfaces	USB (1.1 or 2.0), RS 232 (9.600Bd / 8N1)
Battery	2 AA size rechargeable NiMH batteries, 1.2 V, >1500 mAh or 2 AA size high-current capable alkaline batteries
Battery charge time	2 to 3 hours
Battery charger	Protection class II, IP20 Primary 100 to 240 VAC 50/60 Hz, 0.5 A
Maximum cuff pressure	300 mmHg
Measurement Method	Oscillometric, selectable measurement method: deflation measurement method or inflation measurement method
Audible signal	Configurable audio beep before every measurement
Inflation noise	40 dB
Dimensions and weight of recorder	Height: 27 mm Width: 73 mm Depth: 108 mm Weight: <190 g, including batteries
Protection Class	IP22: TONOPORT VI in Wearable Pouch
Validations	BHS, ESH, ANSI/AAMI SP10, recommended by dabl Educational Trust

Environmental

Operation	Temperature: 5 to 40° C Relative humidity: 15-93%, non-condensing Atmospheric pressure: 700-1060 hPa altitude (relative to sea level) -400 to 2800 meters
Transport and storage	Temperature: -25 to 70° C Relative humidity: 10-93%, non-condensing Atmospheric pressure: 500-1060 hPa altitude (relative to sea level) -400 to 4500 meters

CardioSoft v7
JB64484XX