

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, validated² 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 library³

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 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.

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 DEATHS¹



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: SVGA 1024 × 768 Recommended: SXGA 1280 × 1024
Interfaces	Minimum: 2 USB ports (1.1, 2.0, or 3.0) for each device using this type of interface
Operating system	Windows 7 Professional (64 bit) with SP1, Window 8.1 Pro (64 bit), Windows 8.1 Enterprise (64 bit), Windows 10 Professional (64 bit)
Printer	Equivalent to HP® P3015dn (Customer Supplied)
Additional software for export functionality	Microsoft Word and Excel (optional, Customer Supplied)
Networking LAN	Wireless: 802.11 G, N (optional) TCP/IP interface Wired and Wireless: 802.11 G (optional) TCP/IP interface

Distributed by:

GE Healthcare



Manufactured by:

PAR Medizintechnik GmbH & Co. KG
Rigistr. 11
12277 Berlin
GERMANY

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	24 hours
Battery	2 AA size rechargeable NiMH batteries, 1.2 V, >1500 mAh or 2 AA size high-current capable alkaline batteries
Battery charger	Protection class II, IP20 Primary 100 to 240 VAC 50/60 Hz, 0.5 A

Environmental

Operation	Temperature: 0 to 55° C Relative humidity: 15-93%, non-condensing Atmospheric pressure: 700-1060 hPa Altitude (relative to sea level): -400 to 2800 meters
Inflation noise	40 dB
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
Dimensions of Recorder	Height: 27 mm Width: 73 mm Depth: 108 mm
Weight of Recorder	<210 g, including batteries
Validations	BIHS, ESH, DIN EN ISO 81060-2 Recommended by dabl® Educational Trust

1 Raised blood pressure. Global Health Observatory data. World Health Organization.
http://www.who.int/gho/ncd/risk_factors/blood_pressure_prevalence_text/en/

2 TONOPORT VI ABP device has BIHS, ESH, DIN EN ISO 81060-2 validation

3 Noise sources and their effects. Purdue University Chemistry Department.
<https://www.chem.purdue.edu/chemsafety/Training/PPETrain/dblevels.htm>

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