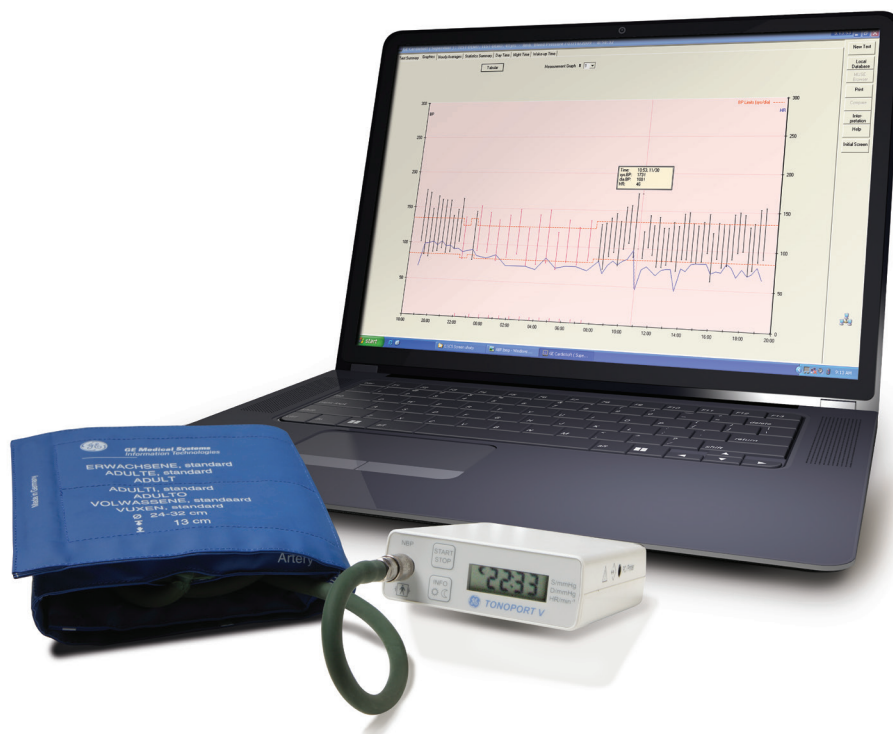# CardioSoft Diagnostic System Ambulatory Blood Pressure

Quality blood pressure assessment

- The CardioSoft™ Diagnostic System Ambulatory Blood Pressure (ABP) application provides a software solution for monitoring BP over extended periods of time

- Easy to program and to set up, the TONOPORT™ V module provides comprehensive blood pressure data in textual and graphical displays with user-definable settings

- BP readings can be programmed at specific intervals or at random times

- Compact lightweight design, integrated low-noise pump and adjustable inflation pressure make it comfortable for patients

- TONOPORT simply connects to your PC for quick download of recorded data

- Flexible reporting capabilities allow physicians to review reports in multiple formats including Excel and XML for detailed patient analysis

- Reports are exportable to CardioSoft Diagnostic System data management, EMRs and PACS

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Specifications

Technical

Memory	128 x 8 bit (= 1 Megabit) EEPROM 512 x 8 bit (= 4 Megabit) EEPROM
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 30 hours or 200 measurements
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: 50-104° F (10-40° C) Relative humidity: 30-75%, non-condensing Atmospheric pressure: 700-1060 hPa
Inflation noise	40 dB
Transport and storage	Temperature: 14-158° F (-20–70° C) Relative humidity: 10-90%, non-condensing Atmospheric pressure: 500-1060 hPa
Dimensions and Weight of Recorder	Height: 27 mm Width: 80 mm Depth: 100 mm Weight: <200 g, including batteries
Medical device	CE-0482 ROHS compliant

Computer specifications

Microprocessor	Minimum Pentium® 4 class processor with 2 GHz
RAM	Minimum 1 GB Windows® 7 Professional (32 bit); 2 GB Windows 7, Windows 8.1 (64 bit) or Windows 10 (64 bit)
Hard drive	Minimum 80 GB and 4 GB of free space if used as a standalone system
SW installation	DVD-ROM drive
Pointer	Mouse
Graphics adapter	Minimum: SVGA 1024 x 768 Recommended: SXGA 1280 x 1024
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 7 Professional (32 bit) with SP1 Windows 7 Professional (64 bit) with SP2 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)
Networking LAN	Wireless: 802.11 G, N (optional) TCP/IP interface