

CardioSoft Diagnostic System Ambulatory Blood Pressure

Quality blood pressure assessment

- The CardioSoft™ Diagnostic System v6.6 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



Specification	
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: 50–260 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 size AA NiMH rechargeable batteries, 1.2 V ≥ 1500 mAh Optional 2 size AA alkaline batteries
Battery charger	Universal battery charger: wide range input voltage 100...240 V AC, 50...60 Hz; Recharging time: 2–3 hours
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	Height: 100 mm Width: 80 mm Depth: 27 mm Weight: 199 g with rechargeable batteries
Medical device	CE-0482 ROHS compliant

Minimum computer requirements - CardioSoft Diagnostic System workstations	
Microprocessor	Minimum: Pentium 4 ≥ 1.6 GHz (Windows® XP); 2 GHz (Windows Vista)
RAM	512 MB (Windows XP); 1 GB (Windows Vista)
Hard drive	4 GB (depending on number of tests to save); 50 MB of free memory
SW installation	CD-ROM drive
Pointer	Mouse
Graphics adapter	Minimum: SVGA 1024 x 768 Recommended: SXGA 1280 x 1024
Interfaces	Minimum: 2 USB ports, CD-RW, SD card, network interface card (recommended)
Operating system	Windows XP/Pro SP 2/3; Windows Vista Home Premium/ Business SP 1; Windows Server 2000/2003
Printer	PLC 6 driver compatible; US letter or A4 paper; USB or parallel inter- face; GE Healthcare recommends HP4250 network printers, HP4650 or HP LaserJet® P3005 dn for use with CardioSoft Diagnostic System and networked printing from CASE systems
Additional software for export functionality	Microsoft® Word and Excel® (optional)
Networking LAN	Wireless: 802.11G (optional) TCP/IP interface
Citrix®	Citrix application software not sold, installed, or supported by GE Healthcare

Please note that some GE products may not be available in all regions due to local language or registration requirements. Please contact your GE representative in the region for the latest info on the availability of the products in your region.

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GE imagination at work

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EMEA 2003303-002/V6/1109
(Global 11926/MW)