GE Healthcare

CardioSoft (CS) Ambulatory Blood Pressure

Quality blood pressure assessment

- The CardioSoft™ (CS) 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 (CS) data management, EMRs and PACS



Specification	
Technical	
Microprocessor	P80C558EFB
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 (5.3–29.4 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 workstations	
Microprocessor	Minimum: Pentium 4 ≥ 1.6 GHz (WIN XP); 2 GHz (WIN Vista)
RAM	512MB (WIN XP); 1GB (WIN 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 1280x1024
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 interface; GEHC recommends: HP4250 Network printers, HP4650 or HP LaserJet P3005 dn for use with CardioSoft (CS) and networked printing from CASE systems
Additional software for export functionality	Microsoft® Word and/or Excel® optional
Networking LAN	Wireless: 802.11G (optional) TCP/IP interface
Citrix®	Citrix application software not sold, installed, or supported by GE

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imagination at work

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