



**GE Medical Systems**  
Information Technologies

## TONOPORT V AMBULATORY BLOOD PRESSURE SYSTEM

### A polished concept

Up-to-date clinical and practical discoveries ensure that the information you need is available to you – naturally in an instrument that embodies the state of the art.

- Simple operation
- Small size (99 x 80 x 27 mm)
- Extremely light (214 g with batteries)
- Oscillometric measuring method
- Manual day/night switchover
- Event key
- Rechargeable or standard batteries (2xAA)
- Includes software and all accessories
- Optional direct printing capability

These features and its compatibility with CardioSoft make TONOPORT V a unique system.



TONOPORT V – The Symbiosis of innovative technology and medical progress.

### Efficient performance for better diagnosis

TONOPORT V is equipped with a number of helpful tools and additional features. When an event occurs, the patient is able to trigger a manual measurement. Of course, this measurement is marked as a manual measurement in the report.

The instrument can be changed as needed from the day to the night phase, and vice versa, independently from the selected measuring protocol. This greatly enhances the patient's wearing comfort and the quality of the analysis.

TONOPORT V is an integrated component of the multi-functional CardioSys/CardioSoft platform (Windows NT, 98, 95). The system is delivered with CardioSoft DFT, the module for ambulatory blood pressure analysis. The software is very simple to operate and fulfils all desires with respect to functionality. Whether trends, measurements or statistics – all relevant 24-hour blood pressure measurement data are processed efficiently and displayed in a well-organised manner. All data for a patient are stored in a single database, allowing for very simple connectivity with information systems (e.g., a medical provider's billing program).

In addition to analysing the data with CardioSoft, they can also be printed directly on an optional printer.



# TONOPORT V AMBULATORY BLOOD PRESSURE SYSTEM

## Specifications

### Microprocessor

P80C558EFB

### Memory

128 x 8 bit (= 1 Megabit) EEPROM  
512 x 8 bit (= 4 Megabit) EEPROM

### Measuring range

Systolic: 60 - 260 mm Hg  
Diastolic: 40 - 220 mm Hg  
Median pressure: 50 - 260 mm Hg  
Heart rate (HR): 35 - 240 beats per minute

### Measuring time

Up to 30 hours or 200 measurements

### Battery

2 size AA alkaline batteries or  
2 size AA NiMH rechargeable batteries, 1.2 V, 1500 mAh

### Recharging time

2 to 3 hours

### Max. cuff pressure

300 mm Hg

### Measuring method

Oscillometric

### Environmental data

#### Operation

Temperature 50 - 104 °F  
Relative humidity 30 - 75%, non-condensing  
Air pressure 700 - 1060 hPa

#### Transport and storage

Temperature 14 - 158 °F  
Relative humidity 10 - 90%, non-condensing  
Air pressure 500 - 1060 hPa

### Dimensions and weight

99 x 80 x 27 mm (h x w x d)  
Weight without rechargeable batteries 162 g, with batteries 214 g

### Scope of supply

TONOPORT V sensor device; TONOPORT V/PC connection cord  
Alkaline batteries, 1.5 V (4 pieces); Carrying bag, belt for carrying bag  
Adult blood pressure cuff, standard, 14 cm wide, for 24 - 32 cm circumference, Rectus connector  
TONOPORT V/CardioSoft Instructions for Use  
CardioSoft DFT analysis software

### Optional accessories

Adult blood pressure cuff, small, 10.5 cm wide, for 17 - 26 cm circumference, Quick connector  
Adult blood pressure cuff, large, 17.3 cm wide, for 32 - 42 cm circumference, Quick connector

### Certification

CE marking indicating compliance with the Medical Device Directive 93/42/EEC

Due to continual product innovation, GE Medical Systems *Information Technologies* designs and specifications are subject to change without notice.



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[gemedicalsystems.com](http://gemedicalsystems.com)

European Headquarters  
GE Medical Systems  
Information Technologies GmbH  
P.O. Box 60 02 65  
79032 Freiburg • Germany  
Tel. +49 761 45 43 - 0  
Fax +49 761 45 43 - 233

World Headquarters  
GE Medical Systems  
Information Technologies, Inc.  
8200 West Tower Avenue  
Milwaukee, WI 53223 • USA  
Tel. +1 414 355 5000  
Fax +1 414 355 3790

Asia Pacific  
GE Medical Systems Hong Kong Ltd.  
11th Floor, The Lee Gardens, 33 Hysan Ave.  
Causeway Bay • Hong Kong  
Tel. +852 2100 6300  
Fax +852 2100 6292