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.
## 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

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