Ambulatory Blood Pressure Monitor

TM-2430

Clinically Validated

- 24 hour ambulatory blood pressure monitoring
- Light weight & compact size
- Oscillometric measuring method
- Battery Power (3 alkaline or Ni-Cd/Ni-MH "AA")
- Data output to computer or printer
- RS-232C Connectivity

Doctor Pro 3 *Blood Pressure Analysis Software*

- Setting up all the parameters
- Various formats of graphs for further diagnoses
  - ♦ Trend
  - ♦ Correlation
  - ♦ Histograms
  - ♦ Circadian rhythm analysis
  - ♦ Hyperbalic index analysis

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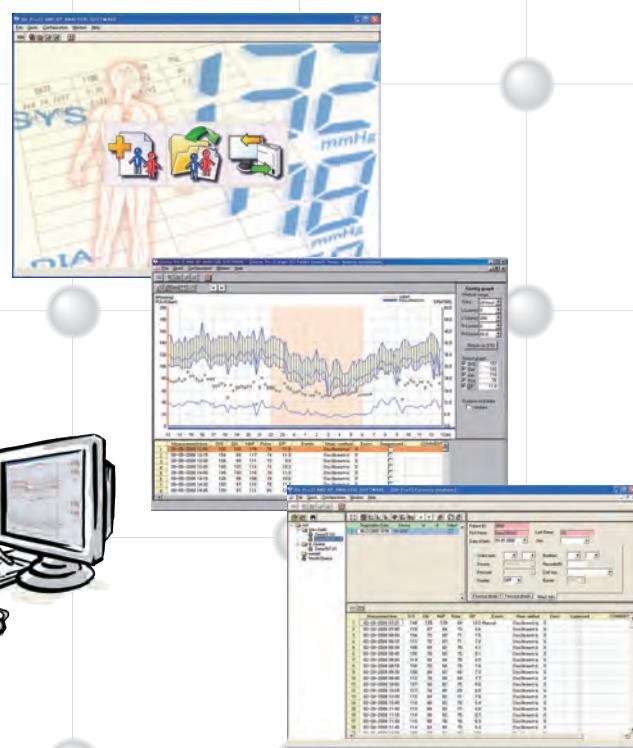
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Ambulatory Blood Pressure Monitor TM-2430

The TM-2430 is a compact & lightweight ambulatory blood pressure monitor that incorporates our latest technology gained from over 20 years of manufacturing ambulatory BPMs. This monitor was validated in accordance with British Hypertension Society protocol and accuracy was proven to be A/A. Weighing only 215 grams at the size of a cigarette pack, the TM-2430 can be carried by patients painlessly around-the-clock. Doctor Pro 3 Blood Pressure Analysis Software enables easy analysis of the data taken by the TM-2430, as well as parameter settings. (Optional)

- **24 hour ambulatory blood pressure monitoring**
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- **Battery power** (3 alkaline or Ni-Cd/Ni-MH "AA")
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- **RS-232C connectivity**

- Automatically sets:
  - Proper cuff pressure
  - Exhaust speed
  - End of measurement
- New pulse correction algorithm for faster measurement & noise rejection
- Automatic or manual measurement
- Date/Time display: Until 2096 & auto leap year
- Multiple measurement intervals - adapts to patient's exact requirements.

Specifications

BP Measurement		
Measurement Method		Oscillometric
Measuring Range	Blood Pressure	40 ~ 280 mmHg (SYS - 60 ~ 280mmHg/DIA - 40 ~ 160mmHg)
	Pulse	30 ~ 200 bpm
Accuracy	Blood Pressure	±3 mmHg
	Pulse	±5 %
Pressurization	Method	Micro pump
	Maximum Pressure	300 mmHg
	Preset Pressure	Automatic
Depressurization	Method	Electric Controlled Exhaust Valve (ECEV)
	Safety System	A magnetic, solenoid valve opens when the pressure exceeds approximately 320 mmHg. Over 330 mmHg, an independent safety circuit exhausts air.
Interval Setting		5, 10, 15, 20, 30, 60, 120 min.
Clock		24 hour clock, calender (until 2096)
Memory Data		Up to 300 sets of data
Power Supply	Battery	3x LR6("AA") type batteries - alkaline or Ni-MH "AA"
	Battery Life	Approx. 200 measurements
Temperature & Humidity	Operating Temperatures	10°C ~ 40°C (50°F ~ 104°F), Less than 85%RH (non-condensing)
	Storage & Transportation	–20°C ~ 55°C (14°F ~ 131°F), Less than 95%RH (non-condensing)
External Dimensions		72(W) x 27(H) x 100(D) mm/2.8(W) x 1.0(H) x 3.9(D) inches
Weight		Approx. 215g (0.47lb) without cuff

Options and Accessories

|	
TM2430-02A	Large cuff for left arm (28-36cm)
TM2430-06A	Adult cuff for left arm (20-31cm)
TM2430-07A	Small cuff for left arm (15-22cm)
TM2430-09A	Adult cuff for right arm (20-31cm)
TM-CF306A	Disposable cuff (10pcs/Box)
Doctor Pro 3	Blood pressure analysis software

Doctor Pro 3

Blood Pressure Analysis Software (TM9501)

Doctor Pro 3 analysis software was designed to enhance diagnosing a patient's data taken by our ambulatory BP monitors (TM-2430) for further treatment. The following formats of graphs are available; Trend, Correlation, Histograms, Circadian Rhythm Analysis, and Hyperbalic Index (HBI or BP load) Analysis in addition to tabular data format. A file merge function is added to the latest version making closer analysis possible.

Also, the Doctor Pro 3 accepts UA-767PC data for long term diagnose.

TM-9501
Analysis software program
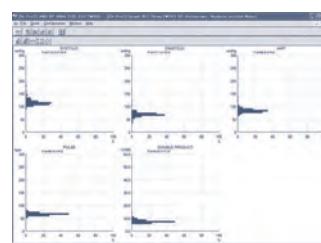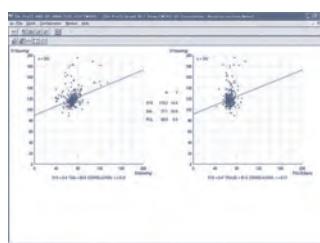
Doctor Pro 3 Hardware Requirements

CPU	Pentium 4 1GHz or greater
RAM	Minimum 1GB (32bit), 2GB (64bit)
HDD	Minimum 1GB free space
Drive	CD-ROM drive
Interface	USB 2.0/1.1
OS	Windows™ 8 (32bit/64bit), 7 (32bit/64bit), Vista (32bit/64bit), or XP (SP2) - .NET Framework 3.5 or greater - MDAC 2.6 or greater

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