

TensioMed TensioDay Plus™

Ambulatory Blood Pressure Monitor
featuring central (aortic) blood pressure measurement

With its outstanding ability, **TensioDay Plus™** is surely more than meets the eye. The device can simultaneously determine the peripheral and the central blood pressure by oscillometric method. It opens new perspectives in the monitoring of central systolic blood pressure, which has increasingly important role in cardiovascular diagnostics. The increased **aortic blood pressure** causes deteriorative effect on the central arteries.

Bluetooth

A new wave in ABPM

24h



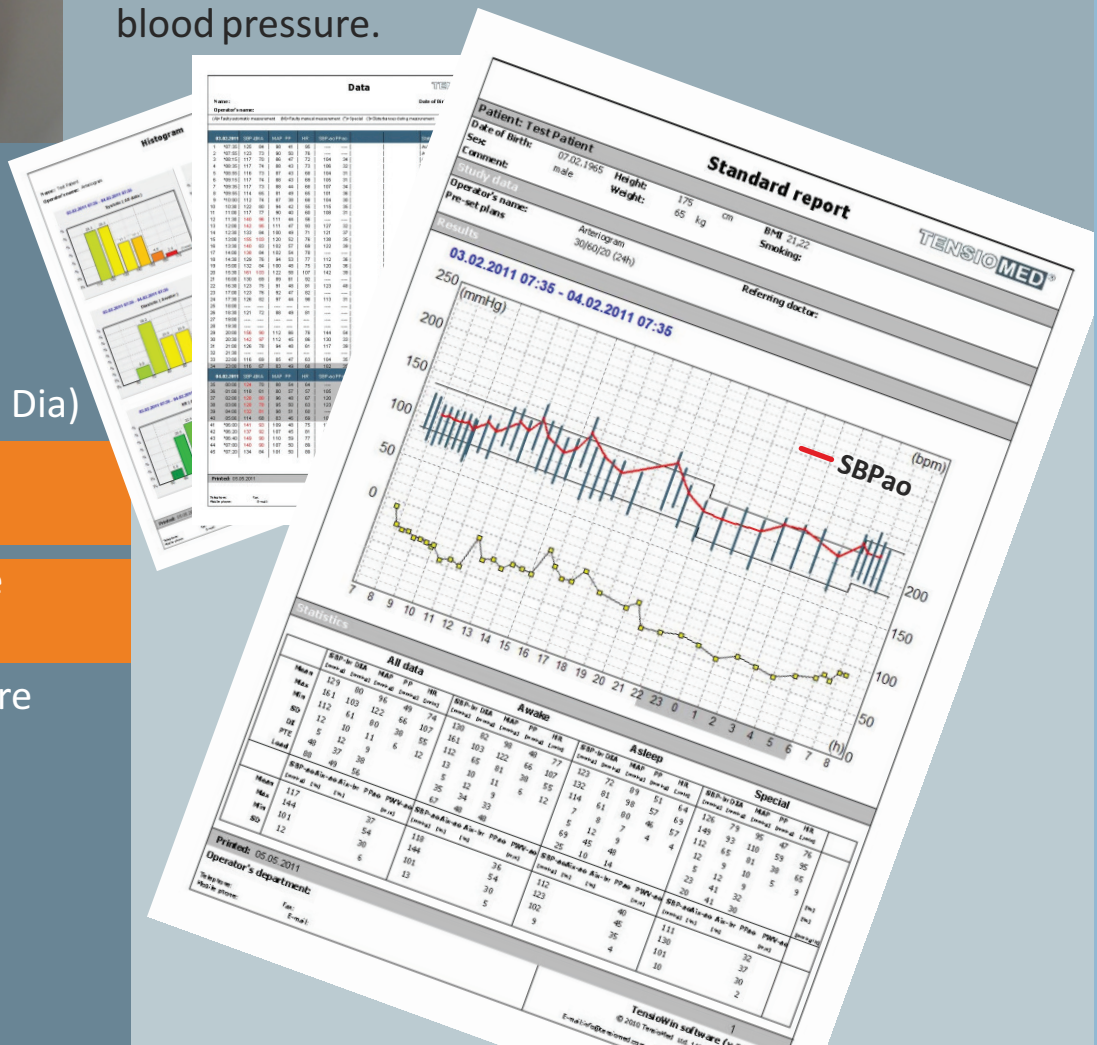
TENSIOMED®

TensioDay Plus™, which assesses the central systolic blood pressure as well, is a **revolutionary new technology in the field of ABPM**. The accuracy of the applied method determining central systolic blood pressure is invasively validated. By this outstanding feature the diurnal changes in the **peripheral and central (aortic) blood pressure can be monitored simultaneously**. The information about **central systolic blood pressure** is extremely important because high values occur even at normal peripheral blood pressure.



Measured parameters:

- Systolic and Diastolic blood pressures (Sys, Dia)
- Aortic systolic blood pressure (SBPao)
- Aortic pulse pressure (PPao)
- Mean arterial pressure (MAP)
- Pulse pressure (PP)
- Heart rate (HR)



Specifications

Power supply
 Protection against electric shock
 Grade of protection against electric shock
 Display
 Data storage
 Data transmission
 Ambient temperature
 Dimensions
 Weight

Four AA long-life alkaline batteries
 Internal supply by batteries
 CF type on patient's side
 Liquid Crystal Display (LCD)
 EEPROM
 Bluetooth v2.0s
 10–40 °C
 116.0 x 94.0 x 47.0mm
 250g (including batteries)

Blood pressure measuring method
 Sampling frequency
 Blood pressure measuring limits
 Static accuracy
 Pressure sensor
 Inflation
 Safety
 Deflation

Oscillometric
 200Hz
 30–280mmHg
 ±3mmHg or ±2% of the measured value (Stability: 2 years)
 Piezo-resistive
 Automatic motor-driven pump
 Maximum cuff pressure: 280mmHg
 Stepwise

Specifications subject to change without prior notice. Refer to the TensioMed TensioDay Plus™ user's manual for complete description, instructions, warnings cautions and specifications.

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