

# 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

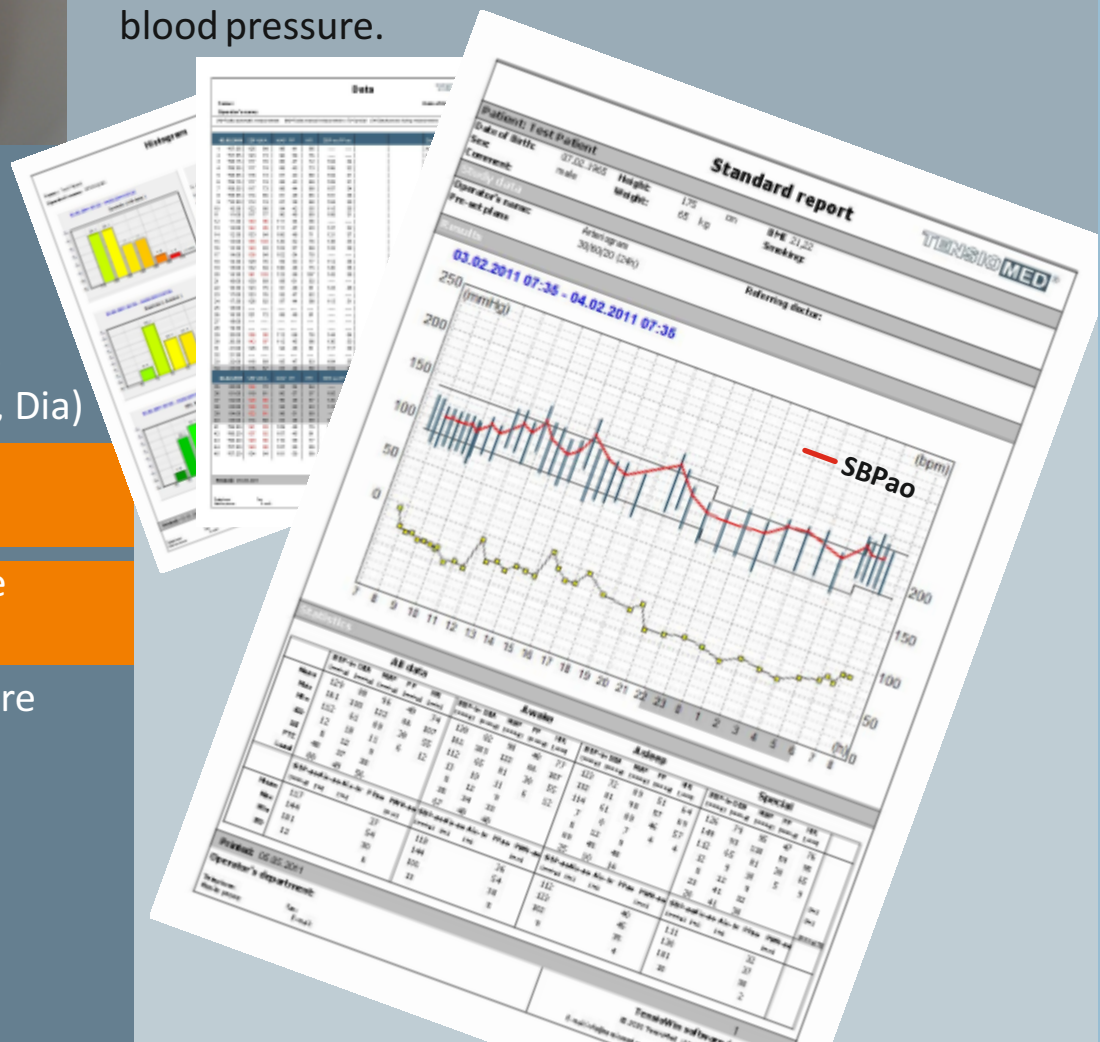


TENSIO MED®

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 47.0 mm  
250g (including batteries)

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

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

**TENSIOMED®**

2/e Kőér str. 1103 Budapest, Hungary  
Tel: (+36-1)433-1700, (+36-1)433-1701 Fax: (+36-1) 433-1709  
web: [www.tensiomed.com](http://www.tensiomed.com) e-mail: [info@tensiomed.com](mailto:info@tensiomed.com)

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