

# 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

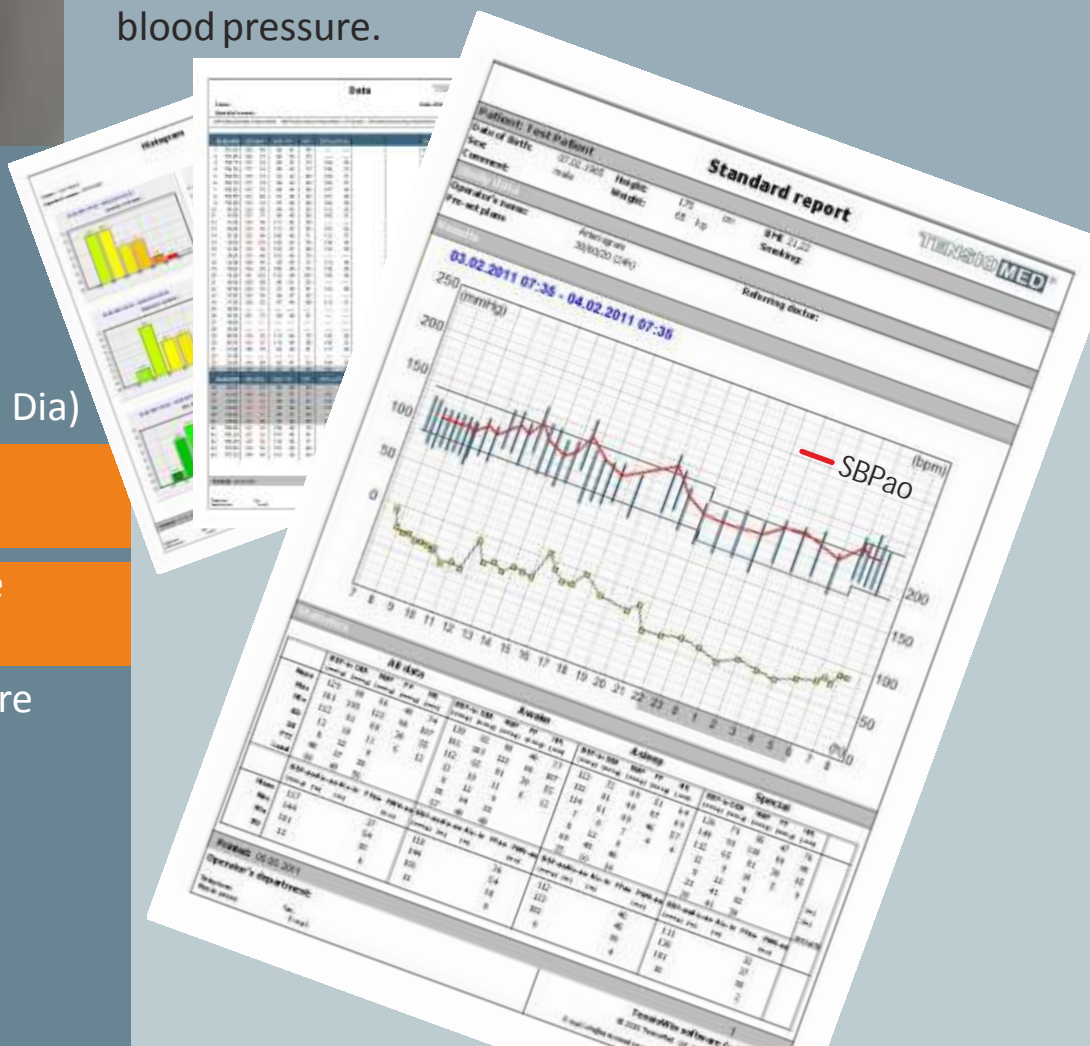


TENSIOMED®

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  
 BF 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.



Litra - Arteriograph  
 Tel: +31(0)- 6 51 817 280  
 web: [www.arteriograph.nl](http://www.arteriograph.nl) email: [info@arteriograph.nl](mailto:info@arteriograph.nl)

