

# TensioMed Arteriograph24™

## The Innovative Expansion of Arterial Stiffness Measurement throughout the Day

Supreme screening

Its unique technology enables this device to measure all arterial function parameters simultaneously for 24 hours. Beyond the traditional blood pressure values Arteriograph24™ provides aortic Pulse Wave Velocity (PWVao), Augmentation Index (Aix aortic, Aix brachial) and central systolic blood pressure (SBPao) data.

# 24h



Bluetooth™

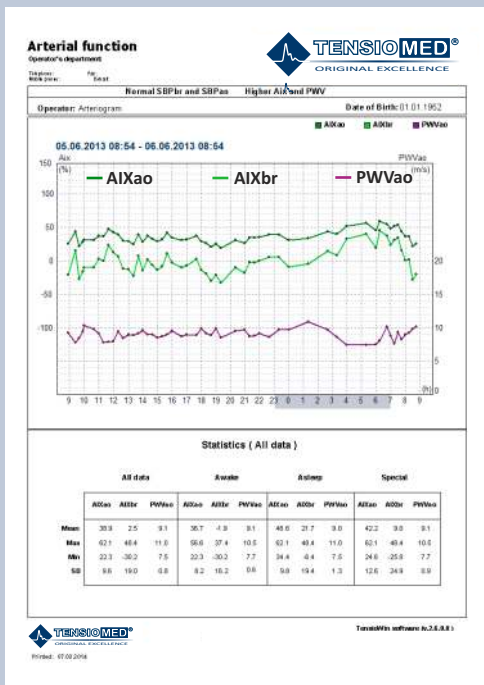


**TENSIOMED**®  
ORIGINAL EXCELLENCE

Arteriograph24™ is a special combination of a 24 hour ABPM and a professional, state of the art technology for measuring vascular age (stiffness), incorporating all the best advantages of both techniques. It reveals the day and night-time changes of the peripheral and central hemodynamic parameters in order to achieve the most accurate vascular age assessment, and to monitor the effect of different drugs. The measured data can be transferred, stored and analyzed on a PC allowing a complete evaluation of arterial function (stiffness).

### Measured parameters:

- Systolic and Diastolic blood pressures (Sys, Dia)
- Mean arterial pressure (MAP)
- Pulse pressure (PP)
- Heart rate (HR)
- Aortic and Brachial augmentation index (Aix aortic, Aix brachial)
- Central (aortic) systolic blood pressure (SBPao)
- Central (aortic) pulse pressure (PPao)
- Aortic pulse wave reflection time (RT)
- Aortic pulse wave velocity (PWVao)



**Accurate**

clinically validated

**Unique**

representing a special combination of a 24h ABPM and the Arteriograph™

**Vital**

on the field of vascular age assessment

**Advanced**

data transfer via Bluetooth technology

**Comprehensive**

providing the most important peripheral and central hemodynamic parameters

**User-independent**

as it is fully automatic

#### 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 Arteriograph24™ user's manual for complete description, instructions, warnings cautions and specifications.



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