

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



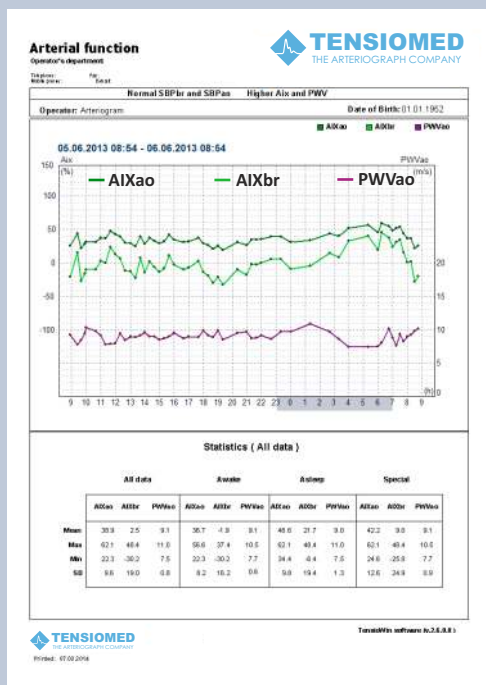
Bluetooth™



Arteriograph24TM 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 ArteriographTM

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 47.0 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 Arteriograph24TM user's manual for complete description, instructions, warnings cautions and specifications.



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