

TensioMed Arteriograph24™

Device for the 24 hour monitoring of arterial functions (stiffness) and peripheral blood pressure

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.

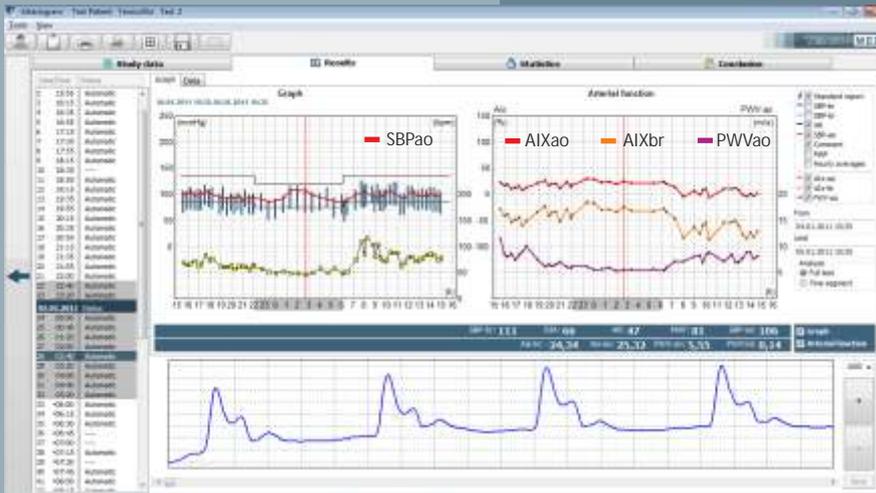
24h



Bluetooth

TENSIOMED®

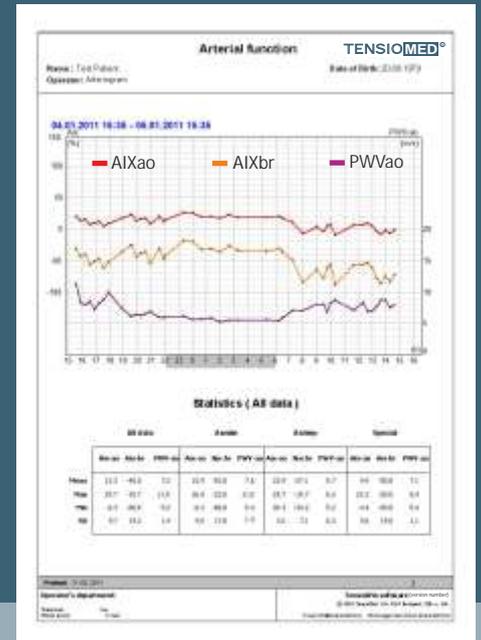
Arteriograph24™ is a special combination of a 24 hour ABPM and a professional, state of the art technology for measuring vascular age (stiffness), incorporating all the best advantages of both techniques. It reveals the day and night-time changes of the peripheral and central hemodynamic parameters in 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
 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 Arteriograph24 user's manual for complete description, instructions, warnings cautions and specifications.

TENSIOMED®

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