

VasoScreen 2000

The new dimension in
vascular diagnosis

— 4-Channel Pulse-Oscillography —

Vascular screening • PAOD-diagnostic • therapy control

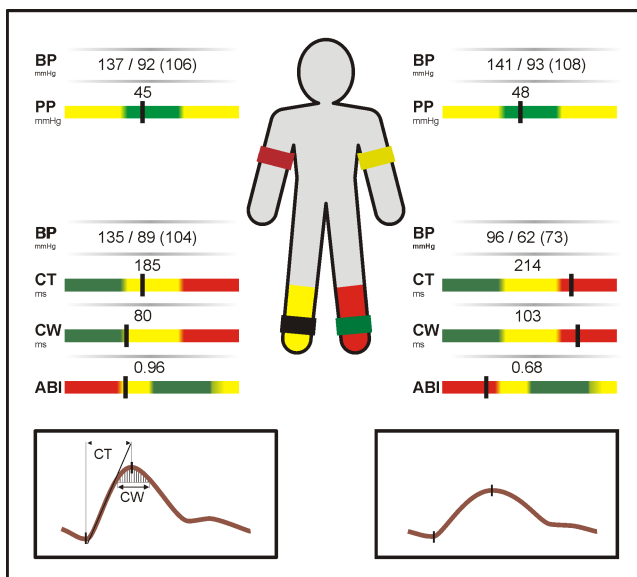
VasoScreen 2000 enables a simultaneous oscillometric 4-channel blood pressure measurement on arms and ankles or optionally on arms and toes. Additionally, the pulse curves measured on the ankles are analysed and the propagation times of the pulse waves are evaluated.

Quick and easy in use



- Simultaneous two cuff measurement
- Examination time less than 3 minutes
- User independent method
- Computer assisted analysis
- Examination delegable

Reliable results



- Defined parameter ranges
- Side comparison
- Detection of Subclavian occlusions
- Applicable with Mediasclerosis

Parameters:

- ABI: Ankle – Brachial – Index
- TBI: Toe – Brachial – Index
- CT: Crest Time
- CW: Crest Width
- PP: Pulse Pressure
- Δ PT: Propagation Time Difference

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Applications

- **PAOD- diagnosis**

A reliable determination of peripheral circulatory disorder is insured by the automated 4 channel blood pressure measurement on arms and ankles or optionally on arms and toes. The ratio of the systolic blood pressure from the lower and upper extremity is calculated. In contrast to Doppler the parameters are determined simultaneously and may also be used with Mediasclerosis patients (if measured on arms/toes). Additional peripheral pulse wave parameters (e.g. CT, CW and Δ PT) help to confirm the diagnosis.

- **Vascular screening**

In the initial phase vascular changes proceed without clinical symptoms. Therefore, for high risk patients (e.g. diabetics) an early diagnosis is important. VasoScreen 2000 enables an easy screening method to detect vascular changes in an early stage by measuring ABI and additional peripheral pulse wave parameters.

- **Therapy control**

Blood circulation variations before and after dilatations, peripheral vascular training and medicamentous therapy can be objectified in a time and cost saving manner.

Technical data

Method	Pulse-Oscillography
Channels	4 channels NIBP 1 channel ECG (optional)
Cuff pressure	0 – 300 mmHg (+/- 2 mmHg)
Classification	Class IIa MDD, patient protection BF, insulation class I, CE0197
Interface	USB
Dimensions / Weight	310 x 260 x 90 mm (L x W x H) / approx. 2 kg
PC-recommendation	PC necessary (has to meet MDD) Windows-compatible, USB-interface

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