

# Finometer® PRO

## Optimal accuracy

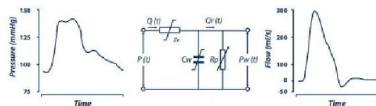
The Finometer® PRO is a stand-alone solution for accurate non-invasive beat-to-beat blood pressure monitoring. The Finometer® PRO incorporates the Modelflow® technology providing hemodynamic parameters such as stroke volume, total peripheral resistance and cardiac output as well as pulse rate (variability) and baroreflex sensitivity analysis. The Finometer® PRO is widely used in clinical settings and advanced scientific research. The absolute accuracy of the Finometer® PRO can be calibrated with an upper arm cuff measurement using the patented Return To Flow (RTF) technology. The Finometer® PRO passed the AAMI/SP10 and BHS protocols\*. Optional software offers online monitoring, storage, analysis and review of acquired data. The Finometer® PRO can be used in combination with the optional ECG module.

### Stand alone



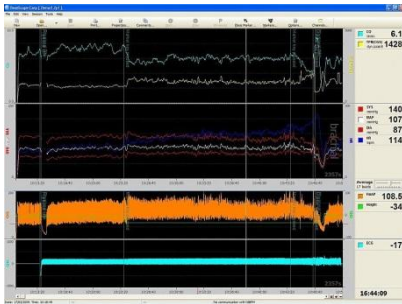
The Finometer® PRO is the Finapres stand-alone solution with the option to export data using Beatscope® Easy software. The Finometer® PRO is able to show real time all 15 important hemodynamic parameters. The Finometer® PRO weighs about 11 kg (app. 35 lbs.) and has enough storage to record for 24 hours.

### Accuracy



The Finometer® PRO is designed for optimal accuracy. The technology behind the Finometer® PRO can calibrate the reconstructed blood pressure on set intervals against brachial measurements using an upper arm cuff. The accuracy of the Finometer® findings are reported in numerous articles comparing the Finometer® results with intra-arterial findings\*. Furthermore the Finometer® PRO has been validated using the Rica-Rocci Korotkoff method\*. The Modelflow® cardiac output has been validated against thermodilution cardiac output in patients undergoing coronary artery bypass surgery\*\*.

## Data transfer



The Finometer® PRO provides the option to export data to other (statistical) programs for further evaluation and analysis. This makes the Finometer® PRO extremely useful for scientific research.

## Overview parameters

The following parameters are available using the Finometer® PRO:

	<b>Parameter</b>	<b>Abreviation</b>
1	Blood Pressure SYS	SYS
2	Blood Pressure DIA	DIA
3	Blood Pressure MEAN	MEAN
4	Heart Rate	HR
5	Inter Beat Interval	IBI
6	Cardiac Output	CO
7	Stroke Volume	SV
8	Pulse Rate Variability	PRV
9	Baroreflex Sensitivity	BRS
10	Total Peripheral Resistance	TPR
11	Total Arterial Compliance	CwK
12	Max. steepness of current upstroke	dp/dt
13	Ascending Aortic Impedance	Zao
14	Left Ventricular Ejection Time	LVET
15	Rate Pressure Product	PS*HR

\* *Journal of Human Hypertension* (2004) 18, 79–84. Please click [here](#) to access the article.

\*\* *British Journal of Anaesthesia* (2001) 87, (2) 212-222. Please click [here](#) to access the article.