FINOMETER® PRO

Validated, connected and patented hemodynamic solutions

Optimal accuracy

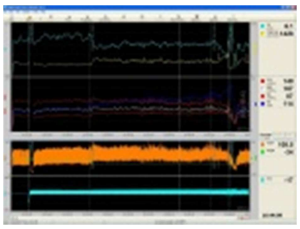
The Finometer® PRO is a stand-alone solution for accurate non-invasive beat-to-beat blood pressure monitoring. The Finometer® PRO incorporates the patented Modelflow® technology providing hemodynamic parameters such as stroke volume, total peripheral resistance and cardiac output as well as pulse rate (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. Recently the Finometer® 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 and import data using Beatscope® software. The Finometer® PRO is able to show real time all 15 important hemodynamic parameters. The compact and easy to use design makes the Finometer® PRO very suitable for bedside applications and scientific research. The Finometer® PRO weights 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 import and export data to other (statistical) programs for further evaluation and analysis. This makes the Finometer® PRO extremely useful for scientific research. After for example drug admission beat-to-beat hemodynamic parameters can be reviewed. Impact to changing conditions are made clear instantly.

Overview parameters

The following parameters are available using the Finometer® PRO:

	Parameter	Abreviation
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 at DIA	Zao
14	Left ventricular ejection time	LVET
15	Rate pressure product	PS*HR