

Compare our products	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
Customizable	yes	-	-	-
Touchscreen	yes	-	-	-
Double Finger cuff system	yes	-	-	yes
Upper Arm calibration	yes	yes	-	-
Updated with new applications	yes	-	-	-
Ambulatory	-	-	-	yes
Height Correction	yes	yes	yes	yes
Hemodynamic parameters (see below)	yes, optional	Beatscope Easy® or Beatscope® 1.1a	Beatscope Easy® or Beatscope® 1.1a	Beatscope® 1.1a
ECG 5 lead	yes	-	-	-
ECG 3 lead	yes	yes	yes	-
SpO2	yes, by Covidien®	-	-	-
Analog Input and Output	yes	yes	yes	only output
Autonomic Nervous System testing application	yes	-	-	-

Specifications	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
Analog input	2, optional	4	2	0
Analog Output	8, optional	4	4	8
serial communication	yes	yes	yes	yes
ethernet	yes	-	-	-
USB	yes	-	-	-
Data storage	>100 hours	24 hours, max. 4096 measurements	-	64 hours, max.254 measurements
Power supply	100-240VAC	230 or 115 VAC	230 or 115 VAC	12VDC/230 or 115 VAC
Battery Life	-	-	-	>8 hours
Dimensions closed	333x277x260mm (131x109x102 inch)	40-16-45 cm (16-6.3-18 inch)	30-16-35 cm (12-6.3-14inch)	120-11-4 cm (47-4-5-1.6inch)
Weight	5 kg (11.25 lbs)	11.5 kg (25lbs)	8 kg (18 lbs)	1.5 kg (3.3 lbs)
Operating Temperature	10-35° C (50-95°F)	10-40° C (50-104°F)	10-40° C (50-104°F)	0-35°C (50-95°F)
Operating Humidity	5-90%	5-90%	5-90%	5-90%
Instrument accuracy	3mmHg	3mmHg	3mmHg	3mmHg

Parameters	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
Basic parameters				
finger pressure waveform	yes	yes	yes	yes
finger systolic pressure	yes	yes	yes	yes
finger diastolic pressure	yes	yes	yes	yes
finger mean arterial pressure	yes	yes	yes	yes
brachial pressure waveform	yes	yes	post analysis	post analysis
uncalibrated brachial systolic pressure	yes	yes	post analysis	post analysis
uncalibrated brachial diastolic pressure	yes	yes	post analysis	post analysis
uncalibrated brachial mean arterial pressure	yes	yes	post analysis	post analysis
Heart Rate	yes	based on blood pressure	based on blood pressure	based on blood pressure
InterBeat Interval	yes	based on blood pressure	based on blood pressure	based on blood pressure
Finger Height	yes	yes	yes	yes

Hardware modules (optional)

ECG module	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
ECG lead I	yes	yes	yes	-
ECG lead II	yes	-	-	-
ECG lead III	yes	-	-	-
ECG lead aVR	yes	-	-	-
ECG lead aVL	yes	-	-	-
ECG lead aVF	yes	-	-	-
ECG lead C1	yes	-	-	-
respiration waveform	yes	-	-	-
respiration rate	yes	-	-	-

SpO2 module	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
SpO2 waveform	yes	-	-	-
SpO2 value	yes	-	-	-
SpO2 pulse strength	yes	-	-	-

Upper Arm calibration module	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
calibrated brachial pressure waveform	yes	yes	-	-
calibrated brachial systolic pressure	yes	yes	-	-
calibrated brachial diastolic pressure	yes	-	-	-
calibrated brachial mean arterial pressure	yes	-	-	-

Analog Input and Output	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
input channels	yes, 2	4, standard available	2, standard available	-
output channels	yes, 8	4, standard available	4, standard available	8, standard available

Software applications (optional)

Hemodynamics module	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
Aortic flow waveform	yes	yes	post analysis	post analysis
Cardiac Output	yes	yes	post analysis	post analysis
Stroke Volume	yes	yes	post analysis	post analysis
Cardiac Index	yes	yes	post analysis	post analysis
Stroke Volume Index	yes	yes	post analysis	post analysis
dP/dt	yes	yes	post analysis	post analysis
Systolic Pressure Time Index	yes	yes	post analysis	post analysis
Rate x Pressure	yes	yes	post analysis	post analysis
Diastolic Pressure Time Index	yes	yes	post analysis	post analysis
DPTI/SPTI	yes	yes	post analysis	post analysis
Left Ventricular Ejection Time	yes	yes	post analysis	post analysis
Aortic Impedance	yes	yes	post analysis	post analysis
Windkessel Compliance	yes	yes	post analysis	post analysis
Peripheral Resistance	yes	yes	post analysis	post analysis
Total Peripheral Resistance	yes	yes	post analysis	post analysis
Body Surface Area	yes	yes	post analysis	post analysis
Total Peripheral Resistance Index	yes	yes	post analysis	post analysis
Maximum Aorta Area	yes	yes	post analysis	post analysis

needs Additional ECG module

Autonomic Nervous System testing module	Finapres NOVA	Finometer PRO	Finometer MIDI	Portapres
Baro Reflex Sensitivity	yes	post analysis	post analysis	post analysis
Very Low Frequency area (VLF)	yes	-	-	-
Low Frequency area (LF)	yes	-	-	-
High Frequency area (HF)	yes	-	-	-
Synpathovagal balance (LF/HFratio)	yes	-	-	-
Total Power (TP)	yes	-	-	-
RMSDD	yes	post analysis	post analysis	post analysis
SDNN	yes	post analysis	post analysis	post analysis
pNN50	yes	-	-	-
HRVI	yes	-	-	-