

Portapres®

Optimal portability

The Portapres® is the ambulatory Finapres® technology solution. The Portapres® offers standard ambulatory blood pressure monitoring (ABPM) and displays hemodynamic parameters such as stroke volume and cardiac output. TProven and tested clinical technology based on 20 years of scientific research. Data can be stored and retrieved using the BeatScope® software.

Exercise



The Portapres® can easily be used during exercise as long as the hand can be kept reasonably stable.

Duration



The Portapres® is a true ambulatory blood pressure monitor with a built in memory card (60-hour capacity). Offline BeatScope® software displays patients hemodynamics. Optional real-time and remote solutions are available.

Almost everywhere



The Portapres® can be used almost everywhere. The operating temperature is between 0 and 35 degrees Celsius (32 and 95 degrees Fahrenheit) and the humidity must remain in the range between 5 and 90% The picture shows hemodynamic

recordings using a Portapres® during a high-altitude expedition.

Comfort



The main unit, weighing approximately 1.5 kg (3.3 lbs) is worn on a waist belt. The Frontend Unit is worn on the wrist and connected to the main unit. The front end unit connects the finger cuff with the main unit. The option to switch between fingers at set intervals increases patient comfort compared to single cuff systems.

Overview parameters

The following parameters are available using the Portapres® in combination with BeatScope® software:

	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	Zao
14	Left Ventricular Ejection Time	LVET
15	Rate Pressure Product	PS*HR

*For the parameters Pulse rate variability and Baroreflex sensitivity additional software is required. This software is supplied by Finapres Medical Systems