



Fast, accurate results from Spacelabs' ABP system enable you to fine-tune your patients' treatment and better assess their cardiovascular risks. Its reliability has placed it amongst the top ABP monitors in the world. Its latest software supports compliance with government requirements for integrity, availability, security and confidentiality of patient health information.

Our proprietary oscillometric algorithm has been proven in over 20 years' use in pediatric, adolescent, adult and elderly patients with a variety of disorders. Its accuracy has been validated by official organizations* in the US, UK, France and Germany. Researchers have selected Spacelabs Healthcare's ABP monitors for more than 500 clinical studies, including the landmark DASH, SYST-Eur and AASK** analyses.



FEATURES

Features

The monitor has the following features	<ul style="list-style-type: none"> • Lightweight design. • Uses oscillometry, the most widely accepted and validated method of automatic NIBP measurement. • Measures systolic, diastolic, mean blood pressure, and heart rate over a period of 24 to 48 hours. • Real-time clock facilitates diary notations. • No chest electrodes or microphones. • Independently programmable measurement periods and inflation frequencies. • Telecommunications feature allows remote programming and data retrieval.
Control	<p>On/Off: Two-position slide switch for normal operation and standby mode.</p> <p>Start/Stop: Pushbutton to start manual blood pressure measurement.</p>
Audio	Audible tone indicates start and end of a cycle when tone is selected.
Digital Display	4-digit, 7 segment, liquid crystal display; systolic, diastolic, and heart rate information alternately displayed; time display and blinking colon provided to indicate when the unit is ON.

Environmental Requirements

Storage	Temperature	-34 °C to 65 °C (-29 °F to 149 °F)
	Humidity	95% (non-condensing)
	Altitude	-152 to 4,572 m (-500 to 15,000 ft)
Operating	Temperature	5 °C to 40 °C (41 °F to 104 °F)
	Humidity	90% (non-condensing)
	Altitude	0 to 3048 m (0 to 10,000 ft)
	Atmospheric Pressure	700 hPa to 1060 hPa

* US - Association for the Advancement of Medical Instrumentation (AAMI)
 UK - British Hypertension Society, France - Homologation standards, Germany - PTB, GDT
 **DASH - Dietary Approaches to Stop Hypertension
 SYST-Eur - Systolic Hypertension in Europe
 AASK - African American Study of Kidney Disease and Hypertension

General	
Measurement Ranges	Heart Rate: 40 to 180 bpm; Pressure: 60 to 260 mmHg for systolic, 30 to 200 mmHg for diastolic, and 40 to 230 mmHg for mean arterial values.
Measurement Time	Typically 35-50 seconds.
Number of Measurements	240 measurements using standard size adult cuff; stores results of 240 readings in memory.
Cuff Pressure	Initial inflation to 165 mmHg; thereafter, the cuff inflates to approximately 30 mmHg above the previous systolic.
Maximum Cuff Pressure	Up to 270 mmHg; may be set during initialization.
Auto-zeroing	Pressure automatically zeroed before each reading.
Cuff Inflation/Deflation	Inflation and deflation rates under microprocessor control.
Artifact Rejection	Discriminates between pressure signals, patient movement, and respiratory artifact.
Data Storage System	Nonvolatile; information retained until reprogrammed; timing of events provided by realtime clock.

Physical Dimensions	
Height	2.5 cm (0.97 in)
Depth	10.0 cm (3.94 in)
Width	7.0 cm (2.77 in)
Weight	172 g (6.1 oz)

Electrical Requirements	
Power Requirement	Three AA size Alkaline(LR6 or equivalent), Lithium (FR6) or rechargeable NiMH (HR6) batteries.

ELECTROMAGNETIC COMPATIBILITY

Electromagnetic compatibility	
Emissions	CISPR11/FCC Part 15 Group 1 Class B
Immunity	EN 60601-1-2:2015, EN 80601-2-30:2010/A1:2015

Regulatory	
Regulatory	CE marked in accordance with the Medical Device Directive 93/42/EEC EN 60601-1:2006/A1:2013 EN 80601-2-30:2010/A1:2015 CSA certified. Meets electrical safety standards CSA C22.2 No. 601.1, UL 60601-1, and IEC 60601-1:2005+A1:2012. IEC 80601-2-30:2009/A1:2013.



ACCESSORIES

For information about supplies, please contact your local Spacelabs Healthcare representative