

NBP-24NG Blood Pressure Monitor



Technical Specifications

Pressure measurement range	Systolic 60 to 290 mmHg Diastolic 30 to 195 mmHg
Accuracy	+/- 3 mmHg in the range indicated
Static pressure range	0 to 300 mmHg
Pulse range	30 to 240 beats per minute
Method	Oscillometric
Measurement intervals	0, 1, 2, 4, 5, 6, 10, 12 or 30 measurements per hour
Monitoring protocols	<ul style="list-style-type: none"> • 2 variable interval protocols with 1, 2, 4, 5, 6, 10, 12, 15, 20 or 30 measurements per hour • 7 preset protocols • 1 protocol to activate SMS sending of data via the mobile phone (check with list of approved phones) or to a Bluetooth Access – Point
Memory	300 measurements
Battery capacity	> 300 measurements
Operating temperatures	+10°C to +40°C
Operating humidity	15% to 90%
Storage environment	-20°C to 50°C and 15% to 90% humidity
Dimensions	128 x 75 x 30 mm
Weight	approx. 240 g including batteries
Communication interface	<ul style="list-style-type: none"> • Bluetooth (Class 1 / 100 m) • Serial port compatible. for USB emulation(optional)
Power supply	2 pcs Ni-MH batteries, each 1.2 V and 2100mAh (AA, Mignon) 2 pcs alkaline manganese 1.5V batteries (Energizer), (AA, Mignon)
Certification	CE, FDA
Validation	BHS, EHS

24-hour ambulatory blood pressure control with NBP-24NG enables a comfortable and unadulterated long-term measurement.

State-of-the-art design features:

- Day/night key for individual sleeping time recording.
- Fourier analysis for assessment of the early-morning rise in blood pressure.
- Auto-feedback logic for drastically reduced compression load & enhanced comfort.
- Oscillometric measurement without sensors.
- Highest wearing comfort through minimal weight of only 240 g including batteries.
- Wireless Bluetooth rapid transfer of measured values between the computer and monitor
- Interfaces to information systems for clinics and MDs. XML, GDT/BDT
- Documentation and storage of 24/48 hours
- Displays in sequence; Systolic BP, Diastolic BP and Heart Rate after each measurement.
- PDF reports

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