

## NBP-24NG Blood Pressure Monitor

### Technical Specifications:



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.
- Motion Tolerant
- 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, BDT
- Documentation and storage of 24/48 hours
- Displays in sequence; Systolic BP, Diastolic BP and Heart Rate after each measurement

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

\*Specifications are subject to changes without notice.