

Ambulatory Blood Pressure Monitoring

NBP One



The NBP One is a state-of-the-art motion tolerant monitor that offers accurate 24-hour ambulatory blood pressure monitoring. By recording up to 250 measurements of systolic and diastolic blood pressure and heart rate, it highly assists clinicians with better diagnosis and management of hypertension.

NBP ONE

AMBULATORY BP MONITOR

- 24-Hour Monitoring
- Blood Pressure & Heart Rate Monitoring
- Records up to 250 Measurements
- ABPM Orbit Cuff in Two Sizes (2 and 3)
- Lightweight & Compact for Highest Comfort
- Individual Day / Night Sleeping Time Recording
- BHS (British Hypertension Society) & ESH Requirements Compliant

The NBP One Holter Monitor functions independently as a standalone application or can be linked to the Norav Medical ECG Management System (NEMS).

FEATURES

- Accurate Blood Pressure Monitoring
- Simple Data Collection and Retrieval
- Precise Control of Hypersensitive Situations
- Default or Custom-Made Protocols
- Effortless Integration
- Straightforward Installation and User Friendly

Norav Medical's NBP One offers in-depth 24-hour study and enables blood pressure control with a comfortable and uninterrupted long-term measurement.



Feature	NBP One
Blood Pressure Range	Systolic: 40 to 260 mmHg Diastolic: 25 to 200 mmHg
Heart Rate Range	40 - 200 bpm
Maximum Inflate Pressure	280 mmHg
Heart Rate Accuracy	+/-2% or +/-3 bpm, whichever is greater
Blood Pressure Accuracy	Results meet or exceed ANSI/AAMI/ISO 81060-2:2013 standards for noninvasive accuracy: ± 5 mmHg mean error & 8 mmHg standard deviation
Static Pressure Range	0 - 300 mmHg
Method	Oscillometric
Classification	Continuous operation
Data Memory	Flash memory stores up to 250 measurements
Calibration Check Recommendation	Minimally, once every two years
Safety Systems	Maximum inflation pressure limited to 300 mmHg; Auto safety release valve for power failure Maximum measurement time limited to less than 140 seconds
Sampling Periods (Measurement Intervals)	24 independently programmable time periods (Time interval options: none, 5, 10, 15, 20, 30, 45, 60, 90, and 120 minutes)
Battery Capacity	> 250 measurements
Communication Port	USB 3.0 (USB-C)
Noise Level	58 dBA
Power	2 x AA size alkaline batteries
Size	$\approx 100 \times 70 \times 30$ mm (3.93" x 2.75" x 1.18")
Weight	≈ 233 gr (8.21 oz), including the batteries
Safety Standards	AAMI/ANSI ES60601-1:2005/(R) 2012 +A1:2012 EN 60601-1 :2006/A1:2013/ IEC 60601-1: 2005/A1:2012
Operating Temperature	10°C to 50°C (50°F to 122°F)
Storing Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	15 - 95% RH non-condensing
IP Rating	IP22
Validations	ESH, BHS (A/A), and ANSI/AAMI/ISO 81060-2:2013
Certifications	FDA 510 (k), CE, ISO 13485, Health Canada