

24-HOUR AMBULATORY BP MONITOR · ABP SERIES · HYPERTENSION

PCB-ABP-75

ABOUT THE PCB-ABP-75

Reveal the blood pressure the office cuff never sees.

The **PCB-ABP-75 Ambulatory Blood Pressure Monitor** records blood pressure at scheduled intervals throughout a full 24-hour day — during work, rest, sleep and stress. It is the diagnostic gold standard for confirming hypertension, identifying **white-coat** and **masked** hypertension, and evaluating antihypertensive therapy in real conditions.

The device uses the **oscillometric** method with an accuracy of **±3 mmHg** across a wide clinical range: systolic 60–200 mmHg, diastolic 30–180 mmHg, pulse 40–240 bpm. Measurement intervals are fully configurable from **5 to 120 minutes**, with independent programs for day, night, morning and special protocols.

At only **210 g**, patients wear the monitor comfortably for the full recording period. Analysis software generates **PDF reports** and computes **morning BP index**, **variability index** and **arteriosclerosis index** — clinically actionable metrics that go beyond simple average pressures.

When ambulatory data matters, the PCB-ABP-75 delivers the complete cardiovascular picture — beyond the office reading.



24-h continuous recording

Programmable intervals (5–120 min) with independent day, night, morning and special settings. Reveals white-coat and masked hypertension.



± 3 mmHg oscillometric

Clinical-grade oscillometric method across systolic 60–200, diastolic 30–180, pulse 40–240 bpm. ≥300 reading storage.

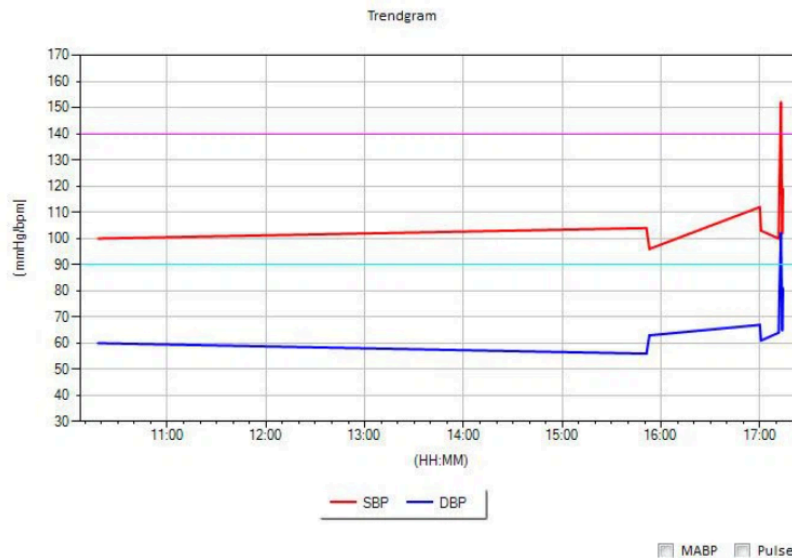


Advanced indices

Morning BP index, variability index, arteriosclerosis index. Actionable metrics beyond simple averages.

BEYOND THE OFFICE CUFF

The complete 24-hour cardiovascular picture.



KEY CAPABILITIES

24-HOUR TRENDGRAM

- SBP (red) + DBP (blue) timeline
- 140/90 mmHg threshold line
- Reveals morning surge + nocturnal dips
- Beyond single-reading limits

HISTOGRAM DISTRIBUTION

- SBP + DBP + Pulse distributions
- Filter All / Day / Night
- Percentage in each range
- Therapy adjustment insight

PIE GRAPH CLASSIFICATION

- Hypertensive (yellow)
- Normal (blue)
- Hypotensive (green)
- Day / Night breakdown

CORRELATION GRAPH

- Systolic vs Diastolic scatter
- Regression lines
- Identifies isolated SHT
- Measurement consistency check

TECHNICAL DATA

Complete specifications.

MEASUREMENT

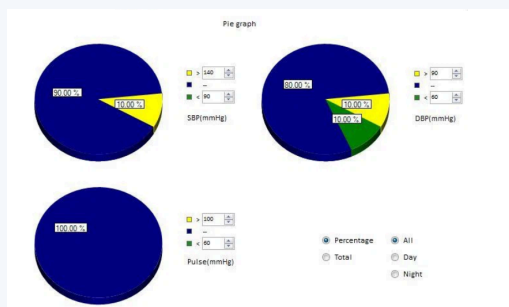
- Type: 24-h ambulatory BP monitor
- Method: Oscillometric
- Systolic range: 60 – 200 mmHg
- Diastolic range: 30 – 180 mmHg
- Accuracy: ± 3 mmHg
- Pulse range: 40 – 240 bpm
- Pulse accuracy: ± 3 bpm
- Pressure range: 0 – 37.3 kPa
- Storage: ≥ 300 readings

PROGRAMMING

- Intervals: 5 – 120 min · configurable
- Day mode: Custom interval
- Night mode: Reduced interval
- Morning: Surge protocol
- Special: Research protocol
- Manual trigger: Patient button
- Silent mode: Night operation
- Reports: PDF · printable

ANALYSIS & PHYSICAL

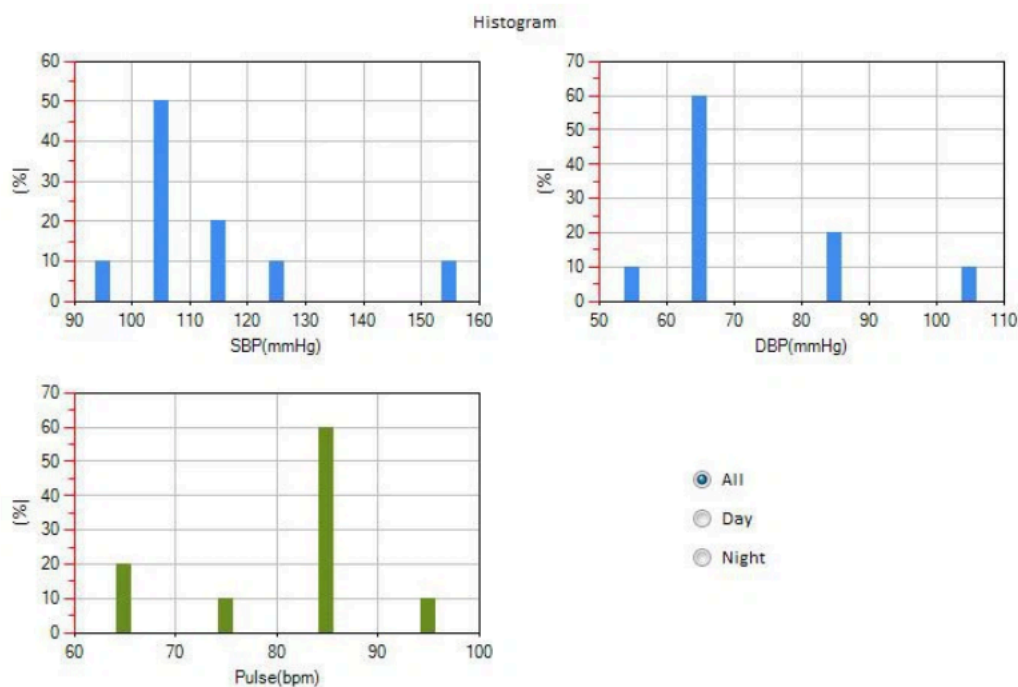
- Morning BP index: Computed automatically
- Variability index: Computed automatically
- Arteriosclerosis index: Computed automatically
- Weight: 210 g
- OS support: Windows XP · Windows 2003+
- Software: PDF report + case archive
- Cuff sizes: Adult · Large · Pediatric
- Certifications: CE · ISO 13485



Pressure zone classification

Pie graph classifies readings as hypertensive, normal or hypotensive. Filter by All / Day / Night — an at-a-glance summary of 24-hour pressure control that goes beyond single averages.

- Diagnostic gold standard
- Reveals white-coat + masked HTN
- Evaluates real therapy response



QUALITY & COMPLIANCE

Manufactured under international quality standards.

We develop and commercialize medical equipment under our own standards, supported by partnerships within a global production network and a strategic sourcing approach, which allows us to offer our distributors reliable, competitive solutions ready for international markets.

From product definition and technical specifications to branding, packaging, and documentation, we control every critical aspect of the process.

We have a service department in Asia and the United States that provides multilingual and immediate technical support, ensuring operational continuity for our distributors and their end customers.

USED ACROSS CARDIOVASCULAR AND ENDOCRINE CARE

Cardiology

Nephrology

Endocrinology

Primary Care

Hypertension Follow-up

Sleep Study

Occupational Health

Research