

Smart blood pressure monitor, with ECG & digital stethoscope



#1
WORLDWIDE
FIRST BLOOD PRESSURE MONITOR
WITH ECG AND DIGITAL STETHOSCOPE

Atrial Fibrillation is responsible
for 30% of strokes

Withings BPM Core is not only a highly accurate smart blood pressure and heart rate monitor, it is the first connected device that can detect, in the comfort of your home, certain valvular heart diseases and atrial fibrillation, both a variety of cardiovascular diseases frequent amongst people suffering from high blood pressure, which can help prevent serious complications from progressing.

BPM Core is our most advanced health device to date, combining medical data traditionally only available in a clinical setting with a seamless design. Along with blood pressure and heart rate monitoring, the three-in-one device records ECG, which is used to identify atrial fibrillation (AFib), a serious form of irregular heart rhythm that can lead to heart failure, fatigue and shortness of breath and is a major risk for stroke. In addition, it provides an integrated digital stethoscope that can provide early detection of valvular heart disease, characterized by damage to one of the four heart valves that may require surgical intervention to avoid heart failure. Using the form factor of a blood pressure monitor, users can check their results in just 90 seconds along with color-coded feedback directly on the device, and they can view their complete history in the free Health Mate app via Wi-Fi or Bluetooth® connection. Data can then be easily shared with doctors. The product features a long battery life of up to 6 months and is rechargeable via micro USB cable.

Get more information on our products at

www.withings.com

Features

Complete assessment in 90 seconds

Monitors blood pressure and detects two major under-diagnosed heart diseases, Afib and certain forms of VHD, frequent among hypertensive people

Blood pressure monitoring

Delivers heart rate, plus systolic and diastolic blood pressure results

Detection of Atrial Fibrillation via ECG

Integrated electrocardiogram (ECG) detects and records atrial fibrillation, the most common form of arrhythmia

Detection of Valvular Heart Diseases via digital stethoscope

Integrated digital stethoscope detects certain

valvular heart disease risks, characterized by a defect of heart valves

Share with your doctor

Save and share data with your healthcare provider to help with hypertension management and early diagnosis

Improved feedback

Immediate results on device with color-coded feedback

Automatic Wi-Fi & Bluetooth® sync

All results available instantly on your smartphone via the free Health Mate app (iOS & Android™) as long as full data history

Certifications: FDA / CE medical clearance

Technical Facts & Design

Usage instruction : The cuff should be placed on the left arm, on bare skin. The measurement is done in two stages: first the blood pressure measurement, and second the ECG and stethoscope measurement, for which users need to place their hand on the metal electrode. The digital stethoscope should be located against the users' chest during the measurement as it listens to the heart.

Materials & sensors :

- ECG : taken via two stainless-steel electrodes located inside the cuff, and one on the tube.
- Digital stethoscope : silicone membrane and stainless-steel support

Display: LED matrix screen

Dimension & weight: 560(L) x 165(W) x 450(H) mm (unfolded), 430 g

Pressure accuracy: Within +- 3 mmHg or 2% of reading

Arm circumference: Between 9 inches to 17 inches (22 cm to 42 cm).

Battery life: Lasts up to 6 months (rechargeable) via micro-USB

Storage & memory: unlimited storage on Withings cloud, and up to 8 measurements without synchronization in Bluetooth® or Wi-Fi

Connectivity: Bluetooth® & Wi-Fi

Compatibility: iOS (iOS 10+) and Android™ (6.0+)

Box content: Withings BPM Core, charging cable, instruction manual

Price & availability

£229.95

withings.com, Amazon, John Lewis, Argos