

Features



MyTensio® is a connected arm blood pressure monitor based on the Measurement Average Mode (MAM) technology. This class IIa medical device makes it easy to monitor blood pressure and heart rate on a daily basis. Practical and adapted for patient use, it easily integrates with remote monitoring programs.



MAM Technology:

a series of 3 consecutive and automatic measurements (intervals of 15s) that calculates the average arterial pressure



Oscillometric system, measures on inflation



Heart rate measurement



2 measurement modes: MAM and Single (for health professionals)



Arrhythmia detection (IHB: Irregular Heartbeat Detector)



Interpretation of the results by color display set as recommended by the European Society of Hypertension and the French Society of Hypertension



Humeral armband (22 to 42 cm / 8.6 to 16.5 in)



Connectivity via Bluetooth Low Energy

Our connected health objects and medical devices



- ECG
- Thermometer
- Blood pressure monitor
- Oximeter
- Blood glucose meter
- Activity tracker
- Bathroom scale



Product's benefits

- Results achieved with MAM (Measurement Average Mode) technology
- Simple interpretation based on color-coded result
- Monitoring the evolution of the day-to-day tension of the systolic, diastolic and heart rate measurement curves



Use cases

- Blood pressure self-measurement (diagnosis and follow-up)
- Remote monitoring as part of the return home after hospitalization (outpatient surgery, intervention, chemotherapy ...)
- Remote monitoring of chronic patients
- **Equipment of a medical office**



Additional solutions

See product datasheet

Gateways (smartphone, tablet...) – To monitor the evolution of the blood pressure from a distance, MyTensio® must be connected via Bluetooth to a gateway that allows patient data to be collected securely via Wi-Fi, 2G, 3G, 4G networks to the healthcare professional.



Cloud Secure HDS – Storage solution for interoperability of patient data
HL7 FHIR interoperable format. APIs available on request for integrating third-party server.



bewellXpert

BewellXpert® - Telemonitoring and care coordination platform

Technical specifications

Measurement unit	MyTensio®
Brand	BewellConnect®
Model	BW-BT1
Medical device	CE 0197
Classification	Class IIa
Measurement method and technical aspects	
Measurement zone	Oscillometric system, measures on inflation
Precision	Humeral armband
Armband size	22-42cm / 8.6-16.5in
Measurement unit	mmHg
Functions	Arrhythmia detection. Diagnostic classification indicator (according to the recommendations of the European Society of Hypertension and French Society of Hypertension (SFHTA)).
Measurement precision	Pressure : ±3 mmHg Pulsations : ±5 %
HR measurement range	Cuff pressure : 0~299mmHg Systolic : 60~260mmHg Diastolic : 40~199mmHg Pulsations : 40~180 beats/min.
Memory	No memory
Auto switch-off	2 minutes
Operating Condition	10-40°C / 50-104°F, 15-90 % humidity

LCD screen	50x66mm / 1.97 x 2.6in backlight green, yellow, red
Battery display	LCD screen display
Connectivity	
Bluetooth technology	4.1
Compatibility	iOS 9 (iPhone 4S and more) / Android 5.0
Size and weight	
Product dimension	95*132*45mm / 3.74*5.2*1.77in
Weight	245g / 0.5lb
Battery	
Power Source	4 alkaline batteries 1,5 V AA
DC voltage	3,7V
Miscellaneous	
Accessories provided	1 cuff, 1 storage bag, 1 instruction manual, 4 x 1,5V AA batteries
Warranty	2 years (without accessories)

MyTensio® - Ref: BW-BT1. This Class IIa medical device is a regulated health product that carries the CE - CE0197 marking under the european regulations.

 Bewell Connect SAS.

Read the instructions BW-BT1 (March 2018) carefully.