



MyTensio®

Connected arm blood pressure monitor



MyTensio® is a connected arm blood pressure monitor based on the Measurement Average Mode (MAM) technology. This class lla 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.

Features



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







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Product's benefits

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





Use cases

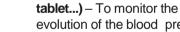
- Blood pressure self-measurement (diagnosis and follow-up)
- Remote monitoring as part of the return home after hospitalization (outpatient surgery, intervention, chemotherapy ...)
- Remote monitoring of chronic patients
- Equipment of a medical office





Additional solutions

See product datasheet



Gateways (smartphone,

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.

bewell Xpert

BewellXpert®- Telemonitoring and care coordination platform







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Technical specifications

Measurement unit	MvTensio®	
Brand	BewellConnect®	
Model	BW-BT1	
Medical device	CE 0197	
Classification	Class lla	
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.

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

EC REP Bewell Connect SAS.

