

Advanced Blood Pressure Monitor with IMT



BP A3L Comfort

MAM IMT

- Gentle measurement during inflation
- MAM technology: 3 readings in a row as recommended by doctors
- Large display



IMT - Inflation Mode Technology

With the inflation mode technology the measurement is performed during the inflation, thus ensuring a quick and comfortable blood pressure measurement with proven Microlife accuracy.

- Fully automatic
- 2 User function
- Traffic light indicator
- PC connection via USB
- Cuff check indicator
- Arm movement indicator



MAM - Microlife Average Mode 3 measurements in 1 click

US Patent 6,447,457 B1

- Automatically takes three measurements with just one click
- Following clinical recommendations to perform at least two automated readings in a row and provide an average of the results
- Patented technology: accurate blood pressure measurement in patients with heart arrhythmia and atrial fibrillation
- Clinically tested by leading experts



Conical cuff fits normal and large arms

- Proper cuff size is crucial for accurate measurements
- Conical shape provides a better fit for improved accuracy
- Suitable for all common arm sizes
- Clinically tested



PAD - Pulse Arrhythmia Detection

US Patent 6,485,429 B2

- Early alerts to possible heart arrhythmias
- Clinically tested pulse arrhythmia detection

Technical specifications

| | |
|------------------------------|---|
| Operating conditions: | 10 - 40 °C / 50 - 104 °F 15 - 95 % relative maximum humidity |
| Storage conditions: | -20 - +55 °C / -4 - +131 °F 15 - 95 % relative maximum humidity |
| Weight: | 385 g (including batteries) |
| Dimensions: | 143 x 85 x 58 mm |
| Measuring procedure: | oscillometric, corresponding to Korotkoff method: Phase I systolic, Phase V diastolic |
| Measurement range: | 20 - 280 mmHg – blood pressure 40 - 200 beats per minute – pulse |
| Cuff pressure display range: | 0 - 299 mmHg |
| Resolution: | 1 mmHg |
| Static accuracy: | pressure within ± 3 mmHg |
| Pulse accuracy: | ± 5 % of the readout value |
| Voltage source: | 4 x 1.5 V alkaline batteries; size AA Mains adapter DC 6V, 600 mA (optional) |
| Reference to standards: | EN 1060-1 /-3 /-4; IEC 60601-1; IEC 60601-1-2 (EMC); IEC 60601-1-11 |

This device complies with the requirements of the Medical Device Directive 93/42/EEC. Technical alterations reserved.