

# microlife®



## Blood Pressure Monitor with Stroke Risk Detection



reddot design award  
winner 2013

### AFIB PC

- Atrial fibrillation detection for stroke prevention
- MAM technology: 3 readings in a row as recommended by doctors
- USB port, 2 users, and 99 memories per user



#### AFIB - Atrial Fibrillation Detection a controllable risk factor

US Patent 7,680,532

- Atrial fibrillation (AFIB) and hypertension are the most common preventable risk factors of heart disease and stroke
- Many people are not aware they have atrial fibrillation as they suffer no symptoms
- Three out of four atrial fibrillation related strokes can be prevented if diagnosed early and treated
- Medical societies worldwide recommend the control of blood pressure and atrial fibrillation to reduce the risk of strokes

#### Technical specifications

Operating temperature:	10 - 40 °C / 50 - 104 °F
	15 - 95 % relative maximum humidity
Storage temperature:	-20 - +55 °C / -4 - +131 °F
	15 - 95 % relative maximum humidity
Weight:	354 g (including batteries)
Dimensions:	160 x 80 x 32 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 $\pm 3$ mmHg
Pulse accuracy:	$\pm 5$ % of the readout value
Voltage source:	4 x 1.5 V Batteries; size AAA Mains adapter DC 6V, 600 mA (optional)
Reference to standards:	EN 1060-1 /-3 /-4; IEC 60601-1; IEC 60601-1-2 (EMC)

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

- Fully automatic
- Gentle+ technology for gentle inflation and deflation
- Traffic light indicator
- Cuff check indicator
- Arm movement indicator
- Lock/Unlock function

**Clinically Tested**  
with atrial fibrillation

#### Most accurate screening monitor for AFIB

- Clinically tested by leading experts
- Able to detect atrial fibrillation (AFIB) with high accuracy

**Clinically Tested**  
BHS protocol: A/A

#### Clinically tested

Most accurate device with clinical A/A grade according to the British Hypertension Society BHS.

**Clinically Tested**  
in special population

- Clinically tested on patients with pregnancy / pre-eclampsia, diabetes, renal disease, obesity and atrial fibrillation



#### MAM - Microlife Average Mode 3 measurements in 1 click

US Patent 6,447,457 B1

- 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



#### Gentle+ technology

- Optimal speed and pressure control
- Ensures comfortable and accurate measurements



#### Conical cuff: fits normal and large arms

- Preformed cuff for highest level of comfort
- Conical shape for better fitting and accuracy
- Suitable for all common arm sizes

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**5 year**  
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DESIGN