

microlife®

A partner for people. For life.

Accurate automated office blood pressure (AOBP) monitor with flexible measurement schedule options



WatchBP Office

Professional automated office blood pressure monitor

- AFIB
- Flexible BPM schedule
- Central blood pressure measurement
- 3 consecutive measurements
- Sprint algorithm
- PC link
- Auscultatory mode
- For use in end stage renal disease
- For use in pregnancy
- For use in children
- For use in diabetes patients

Officially recommended as a useful option for
NHS clinicians
by NICE

Bluetooth
SMART

Clinically Tested
ISO 81060-2: pass

Clinically Tested
BIHS protocol: A/A

Swiss Brand



Reliable AFIB screening

Screens for Atrial Fibrillation (AF) with high accuracy (sensitivity 98% - specificity 92%) as demonstrated in multiple comparative studies with 12-lead ECG.



Non-invasive central blood pressure measurement (optional)

Determines blood pressure of the ascending aorta based on Pulse Volume Plethysmography (PVP) waveforms to help in making a reliable diagnosis of cardiovascular risk and hypertension.



Flexible BPM schedule

Enables the physicians to adjust the settings of time intervals and numbers of consecutive measurements to comply with different guidelines.



Upgradeable

Allows on-demand paid upgrades of "advanced version" (AFIB included) or "premier version" (AFIB and Central BP included).

Additional features

- ✓ Manual mode, for use in the elderly, obese and those with arrhythmias
- ✓ Rechargeable battery, energy efficient and environment friendly
- ✓ Shows the measured Mean Arterial Pressure (MAP) and the Pulse Pressure (PP)
- ✓ Validated with clinical A/A grade according to the British and Irish Hypertension Society (BIHS), and clinically validated according to AAMI/ISO standards for many special patient groups including children from the age of 3 and patients with diabetes, end stage renal disease, pre-eclampsia and large arm circumference
- ✓ USB and Bluetooth 4.2 connectivity
- ✓ WatchBP Analyzer software, presenting a clear report and relevant analysis. Download from the website free of charge:
<https://www.microlife.com/support/software-professional-products>

Features overview

WatchBP Office Automated version	AFIB	Central BP	Flexible BPM schedule	Auscultatory mode	Rechargeable battery	USB connectivity	Bluetooth 4.2 connectivity	WatchBP Analyzer	Special patient validations			
									End-stage renal disease	Diabetes patients	Pregnancy & pre-eclampsia	Children
Standard			●	●	●	●	●	●	●	●	●	●
AFIB	●		●	●	●	●	●	●	●	●	●	●
AFIB & CBP	●	●	●	●	●	●	●	●	●	●	●	●

Innovative and reliable AFIB screening

	Patients	Number of subjects	Age (Years)	AF (n)	Non-AF arrhythmia	Sinus (n)	Sensitivity (%)	Specificity (%)
Wiesel 2004 ¹	Outpatients	450	31-99	54	1	395	100	92
Stergiou 2009 ²	Outpatients	73	49-92	27	23	23	100	89
Wiesel 2009 ³	Outpatients	405	34-98	93	64	248	97	89
Wiesel 2013 ⁴	Outpatients	139	26-89	14	n.s	125	99	92
Oxford 2014 ⁵	Primary care	999	75+	79	n.s	920	95	90
Wiesel 2014 ⁶	Outpatients	183	50-100	30	n.s	153	100	92
Gandolfo 2015 ⁷	Stroke patients	207	27-101	38	n.s	169	89	99
Chan 2017 ⁸	Primary care	2052	68	24	156	1872	83	99
Chan 2017 ⁹	Primary care	5969	67	72	430	5467	81	99

WatchBP Office AFIB screens for Atrial Fibrillation with high accuracy at 98% Sensitivity and 92% Specificity while measuring blood pressure. Subjects were compared with 12-lead ECG performed and read by a consultant.

Reference

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For more information, please visit: www.watchbp.com

Microlife Corporation is a global corporation working closely with medical societies, specialists and primary care physicians to create tools and solutions that advance healthcare for the benefit of both physicians and patients.