

Technical Specifications

Mobil-O-Graph® NG – The 24h ABPM

Measurement range	Systolic (SYS): 60 – 290 mmHg Diastolic (DIA): 30 – 195 mmHg
Accuracy	± 3 mmHg
Pressure range	0 to 300 mmHg
Pulse range	30 to 240 bpm
Measurement method	Oscillometric
Measurement protocols	<ul style="list-style-type: none">• 4 freely editable day/night intervals• Measurements per hour: 1, 2, 4, 5, 6, 10, 15, 20 or 30• Optional: automatic transfer of Blood Pressure values via GSM
Memory	300 measurements
Battery capacity	> 300 measurements
Operating temperature range	+10 °C to +40 °C
Operating air humidity range	15% to 90%
Storage conditions	–20 °C to +50 °C temp and 15% to 90% humidity
Dimensions	128 x 75 x 30 mm
Weight	Approx. 240g including batteries
Power supply	2 IEM rechargeable Ni-MH batteries (1,2 V and min. 2100 mAh)
Interfaces	<ul style="list-style-type: none">• Serial port (cable) compatible for USB Emulation• Infrared• Bluetooth (Class 1/100m)
PWA option	PWA is extendable through license dongles (100, 300, 1000 and unlimited)

Powerful Product and Service Quality

- High measurement quality – clinically validated to ESH and BHS
- Made in Germany
- On-site instruction and installation

Analysis Software

Hypertension Management Software (HMS) Client Server

- Compatible with MacIntosh OS X 10.4 and higher, Linux and Windows 2000, XP SP 4, Vista and Windows 7
- Communication via USB/ RS 232, Infrared or Bluetooth
- Optional: GDT, XML, HL7 interfaces and ehealth database synchronisation

Subject to change without notice.
(ENG)

MOBIL O GRAPH®

New Generation 24h ABPM Classic

An innovative Hypertension Management Concept with the option of PWA

... a huge leap forward!



24h ABP-CONTROL

24h ABP-CONTROL



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Research, Development and Production – Made in Germany



MOBIL O GRAPH®

New Generation 24h ABPM Classic

Mobil-O-Graph® NG

An innovative Hypertension Management Concept with the option of PWA

- 24/48 hour ambulatory measurement of peripheral blood pressure
- Mean arterial pressure
- Early morning rise analysis

Optional: Pulse Wave Analysis

- Central aortic blood pressure
- Cardiac output
- Arterial stiffness measured in augmentation index (AIx) and reflection coefficient

The Mobil-O-Graph® NG – The 24h ABPM Classic sets a new benchmark and opens new perspectives for clinics and MDs.

Unsurpassed patient comfort and acceptance by using the Auto-Feedback-Logic AFL*

- Significantly better night sleep for the patient through individualized inflation
- Gentle and fast measurement of blood pressure
- Maximum comfort thanks to correct-sized cuffs with ease of application

Easy handling in everyday office routine

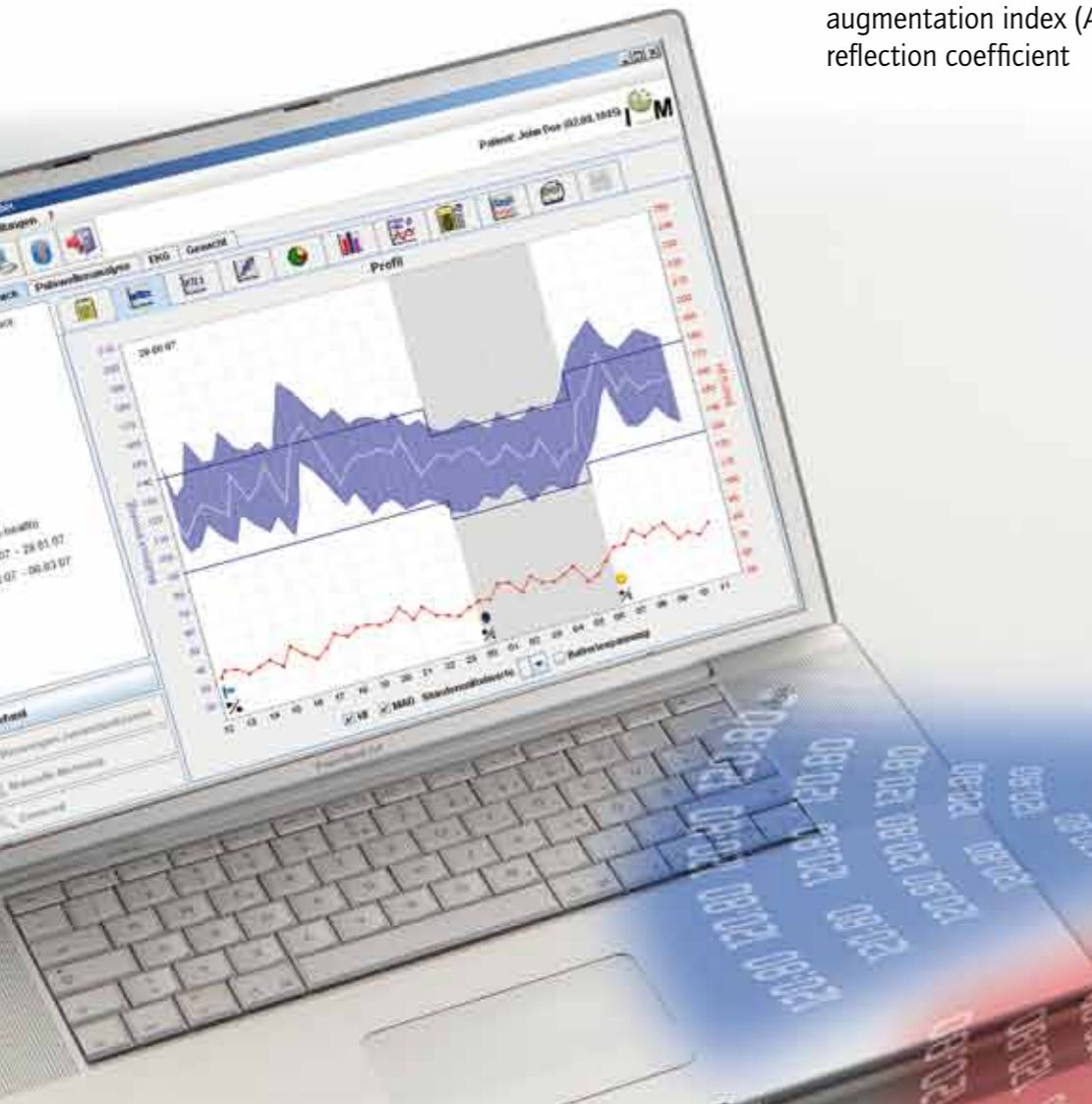
- Wireless and rapid read in/ read out between the monitor and the PC
- Precise graphics, early morning rise analysis, comparison profiles
- Documentation and storage of all ambulatory and self-measured blood pressure data in the Hypertension Management Software (HMS) CS with interfaces to clinical information systems

Pulse Wave Analysis – Optional to your 24h ABPM

- AIx and reflection coefficient – two strong cardiovascular biomarkers for risk stratification and therapy management for hypertensive patients
- Easy, fast, delegable methodology within the ABPM routine
- Precise analysis of hemodynamics, blood pressure and arterial stiffness



Sleeping through the night without difficulty



*Literature:
Blood Pressure Monitoring 2005,
Vol 10 No 5 – Convenience of ambulatory blood
pressure monitoring: comparison of different devices