

Technical specifications

ABP-Monitor Mobil-O-Graph® NG

Pressure 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">• 2 variable interval protocols with 1,2,4,5,6,10,12, 15,20 or 30 measurements per hour• 7 preset protocols• 1 protocol to activate SMS sending of data via the mobile phone (check with list of approved phones by IEM) or to a Bluetooth Access - Point
Memory	300 measurements
Battery capacity	> 300 measurements
Operating temperature	+10 °C till +40 °C
Operating air humidity	15% till 90%
Storage conditions	-20 °C till +50 °C and 15% till 90% air humidity
Dimensions	128 x 75 x 30 mm
Weight	approx. 240 g including batteries
Power supply	2 IEM rechargeable batteries Ni-MH (AA, Mignon) with 1,2 V each and min. 2100 mAh
Interfaces	<ul style="list-style-type: none">• Serial port (cable) compat. for USB Emulation• Infrared• Bluetooth (Class 1 / 100 m)

Analysis software:

Hypertension Management Software (HMS) Client Server

- Compatible to Macintosh OS X 10.4 and higher, Linux and Windows 2000, ME, XP, Vista
- Communication via USB/RS232 or Infrared or Bluetooth
- Optional: e-health service data management (telemetry)

HMS for Windows

- Compatible to Windows Version 98 SE and higher
- Communication via USB/RS232 or Infrared

MOBIL-O-GRAPH®



The New Generation 24 h ABP-CONTROL

The most innovative Hypertension Management Concept

... a huge leap forward!



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24h ABP-CONTROL



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MOBIL O GRAPH[®]

The New Generation 24 h ABP-CONTROL

Mobil-O-Graph[®] NG – The most innovative Hypertension Management Concept is available now!

- Unsurpassed patient comfort leads to increased tolerance, making use of Auto-Feedback-Logic AFL technology, which prevents over inflating at each measurement
- Wireless transfer of measurements directly to the facility computer system
- Analysis Software and Patient management
- High quality product with certified accuracy in measurement
- Best practice performance of manufacturer in service and support

The ABP-Monitor Mobil-O-Graph[®] NG

The 24/48 hour blood pressure monitor, is available with extensive equipment, named as "Basic Set" and beyond that with an analysing unit of your choice.

The ABP-Monitor Mobil-O-Graph[®] NG – sets a new benchmark and opens perspectives for clinics and MDs.

Unsurpassed patient comfort by using Auto-Feedback-Logic AFL*

- Gentle and fast measurement of blood pressure
- Maximum comfort due to correct-sized cuffs with ease of application
- The patient can sleep through the night

Wireless transfer of measured values to the facility computer

- "Bluetooth" wireless, rapid read in/read out between the monitor and the computer
- "Infrared" as the Classic Interface. One single interface for 24 hour monitors and home devices. Easy transfer of data via Infrared to the computer
- "Standard" – just use the standard cable, USB or serial

Analysis software and patient management

- Precise graphics, early morning rise analysis, comparison profiles for ambulatory and stationary data - reports for physician interpretation and patient presentation
- Interfaces to information systems for clinics and MDs (BDT, XML)
- Documentation and storage of 24/48 hour ambulatory and stationary data
- The analysing unit "Client-Server HMS" enables you besides the wireless transfer via Bluetooth, to build up a "Virtual Patient Clinic" (Telemetry)

High quality product with certified accuracy in measurement

- Smaller, lighter, quieter than previous generation ABP monitors and clinically validated to ESH and BHS
- User friendly monitor, practical assignment of function keys, incl. day/night button
- Gentle and safe insert and take-out of rechargeable batteries



Best practice performance of manufacturer in service and support

- On - site orientation and installation
- Tailor - made service models
- Cost free support over telephone through trained IEM personnel and IEM cooperation partners

*Literature: Blood Pressure Monitoring 2005, Vol 10 No 5 - Convenience of ambulatory blood pressure monitoring: comparison of different devices Westhoff et al.

