... a huge leap forward!
Mobil-O-Graph® NG
An innovative Hypertension Management Concept

- Unsurpassed patient comfort and acceptance by using the Auto-Feedback-Logic AFL®
- Easy handling in everyday office routine
- Analysis software and patient management

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
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
- "Bluetooth" wireless, rapid read in/ read out between the monitor and the computer
- "Infrared" as the Classic Interface. One single Interface for 24h 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, threshold values for children – reports for physician interpretation and patient presentation
- Interface to EMR and HIS (GDT, XML, HL7)
- The analyzing software HMS CS enables you to build up an "Interventional Telemetric Clinic" for a better therapy management

*Literature:
Blood Pressure Monitoring 2005,
Vol 10 No 5 – Convenience of ambulatory blood pressure monitoring: comparison of different devices
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
- 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
- Optional: automatic transfer of Blood Pressure values via GSM

Battery capacity
up to 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. 1700 mAh)

Interfaces
- Serial port (cable) compatible for USB Emulation
- Infrared
- Bluetooth (Class 1/100m)

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, Vista, Windows 7, 8 and 10
- Communication via USB/ RS 232, Infrared or Bluetooth
- Optional: GDT, XML, HL7 interfaces and eHealth database synchronisation

Subject to change without notice.
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