



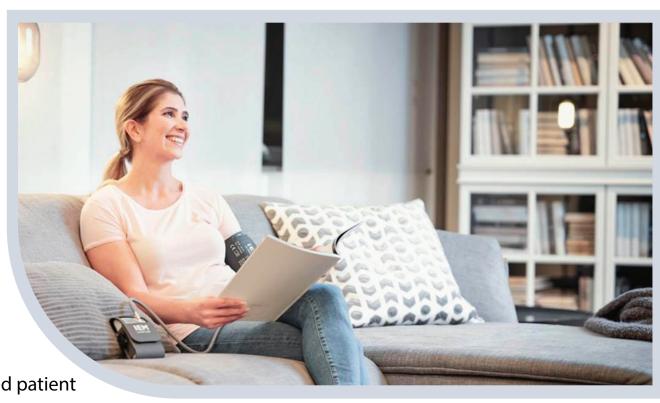
The Smart ABPM



24 hr Ambulatory Blood Pressure Monitoring

An Innovative Hypertension Management Concept

- Lightweight, compact, and quiet for improved patient compliance
- Designed to avoid the effects of white coat hypertension and take accurate sleep readings
- Unsurpassed patient comfort and acceptance by using the Auto-Feedback-Logic AFL*
- Easy handling in everyday office routine
- Analysis software and patient management



Best in class manufacturing, service, and support

• Support remotely through trained personnel

The 24HR ABPM 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 app

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)
- The analyzing software HMS CS enables you to build up an "Interventional Telemetric Clinic" for better therapy management

Qualifies for additional reimbursement with CPT Code 93784!





Technical specifications

24hr 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, 5, 6, 10, 15, 20 or 30
	 Optional: automatic transfer of Blood Pressure values via GSM
Memory	300 measurements
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	128x75x30mm
Weight approx.	240g including batteries
Power supply	2 IEM rechargeable Ni-MH batteries (12 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

Analysis SoftwareHypertension Management Software (HMS) Client Server

- Compatible with MacIntosh OS X 10.4 and higher, Linux and Windows 10 and higher
- Communication via USB/RS 232, Infrared or Bluetooth
- Optional: GDT, XML interfaces and ehealth database synchronization

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

Part No.	Mobil-O-Graph Device
710002	Mobil-O-Graph ABPM Premium Set with S, M, and L Cuffs Included
	Accessories for Mobil-O-Graph
713007	Mobil-O-Graph cuff, XS (14-20cm)
713008	Mobil-O-Graph cuff, S (20-24 cm)
713009	Mobil-O-Graph cuff, M (24-32cm)
713010	Mobil-O-Graph cuff, L (32-38cm)
713011	Mobil-O-Graph cuff, XL (38-55cm)
910000	License cBP - Central Blood Pressure is the pressure in the ascending aorta, just outside the left ventricle. Here systolic value. Central Blood Pressure is the pressure in the ascending aorta, just outside the left ventricle.
910001	License PWA - Pulse wave velocity describes the speed at which the pressure wave emitted by the left ventricle runs via the vascular tree to the periphery. The arterial stiffness is quantified using aortal pulse wave velocity (PWV) with m/s as a measuring unit. Its prognostic value has been proven in a number of studies and is more important than the classic risk factors such as high blood pressure and hypercholesterolemia.
712003	Cotton Sleeves (50 pcs)
712004	USB Bluetooth Adapter
712005	IEM ABPM Carry Pouch and Shoulder Belt

