

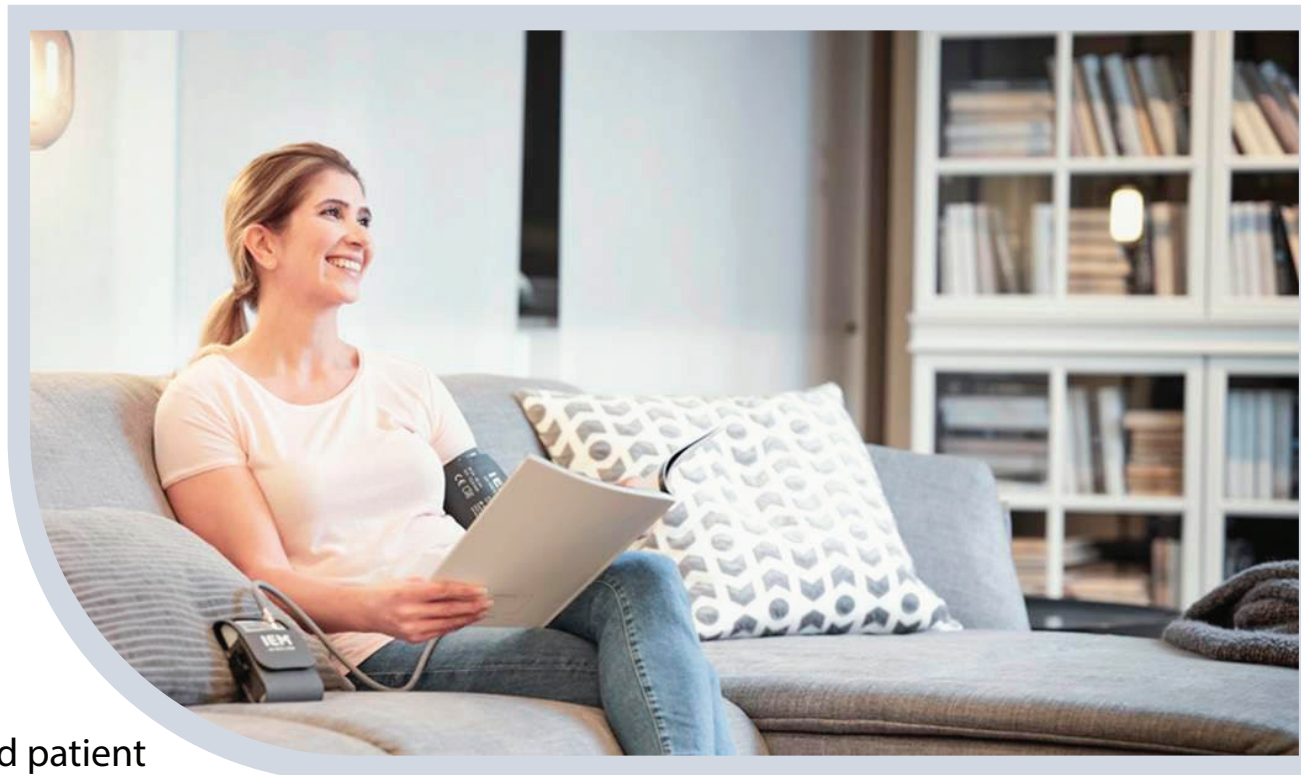
## The Smart ABPM



### 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

<b>Measurement range</b>	<ul style="list-style-type: none"> <li>• Systolic (SYS): 60-290 mmHg</li> <li>• Diastolic (DIA): 30-195 mmHg</li> </ul>
<b>Accuracy</b>	± 3 mmHg
<b>Pressure range</b>	0 to 300 mmHg
<b>Pulse range</b>	30 to 240 bpm
<b>Measurement method</b>	Oscillometric
<b>Measurement protocols</b>	<ul style="list-style-type: none"> <li>• 4 freely editable day/night intervals</li> <li>• Measurements per hour: 1, 2, 5, 6, 10, 15, 20 or 30</li> <li>• Optional: automatic transfer of Blood Pressure values via GSM</li> </ul>
<b>Memory</b>	300 measurements
<b>Battery capacity</b>	up to 300 measurements
<b>Operating temperature range</b>	+10 °C to +40 °C
<b>Operating air humidity range</b>	15% to 90%
<b>Storage conditions</b>	-20 °C to +50 °C temp and 15% to 90% humidity
<b>Dimensions</b>	128x75x30mm
<b>Weight approx.</b>	240g including batteries
<b>Power supply</b>	2 IEM rechargeable Ni-MH batteries (12 V and min. 1700 mAh)
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• Serial port (cable) compatible for USB Emulation</li> <li>• Infrared</li> <li>• Bluetooth (Class 1/100m)</li> </ul>

## Powerful Product and Service Quality

- High measurement quality, clinically validated to ESH and BHS
- Made in Germany

## Analysis Software

### Hypertension 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
<b>710002</b>	Mobil-O-Graph ABPM Premium Set with S, M, and L Cuffs Included
Accessories for Mobil-O-Graph	
<b>713007</b>	Mobil-O-Graph cuff, XS (14-20cm)
<b>713008</b>	Mobil-O-Graph cuff, S (20-24 cm)
<b>713009</b>	Mobil-O-Graph cuff, M (24-32cm)
<b>713010</b>	Mobil-O-Graph cuff, L (32-38cm)
<b>713011</b>	Mobil-O-Graph cuff, XL (38-55cm)
<b>910000</b>	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.
<b>910001</b>	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.
<b>712003</b>	Cotton Sleeves (50 pcs)
<b>712004</b>	USB Bluetooth Adapter
<b>712005</b>	IEM ABPM Carry Pouch and Shoulder Belt