

IEM 220 24HR ABPM

...a huge leap forward!

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 IEM 220 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 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 24hr 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



Sleeping through the night without difficulty

TECHNICAL SPECIFICATIONS

IEM 220 24HR ABPM

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|------------------------------|--|
| 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 | 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 | <ul style="list-style-type: none"> • Serial port (cable) compatible for USB Emulation • Infrared • Bluetooth (Class 1/100m) |

**Qualifies
for additional
reimbursement with
CPT Code 93784!**

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



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