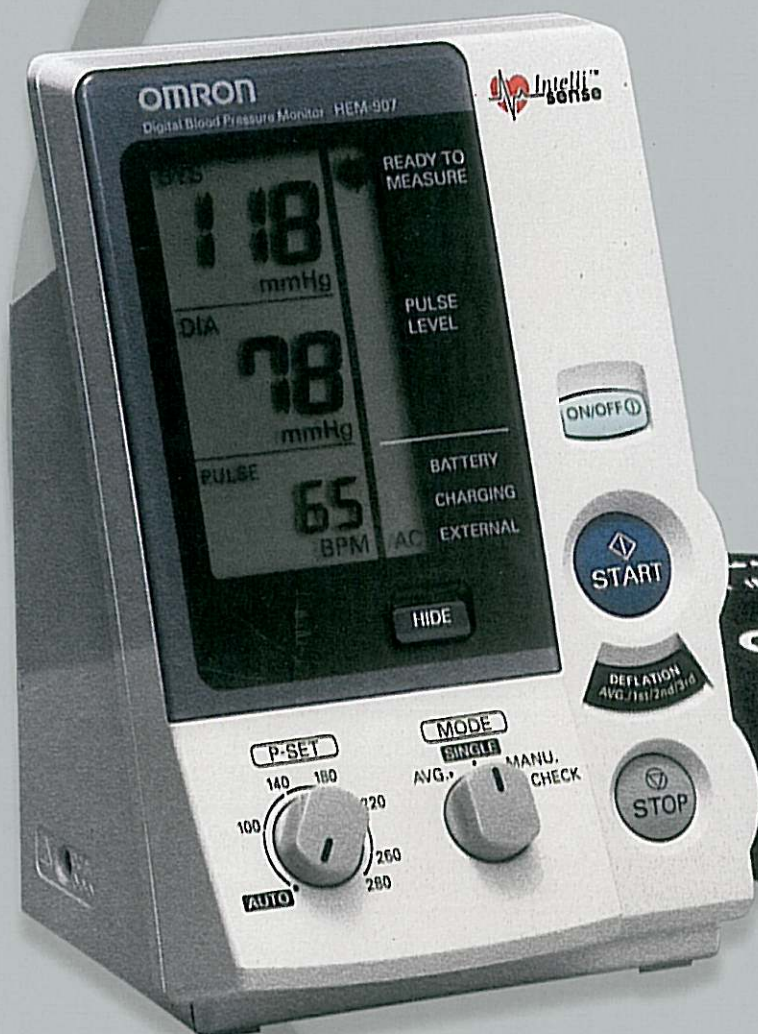


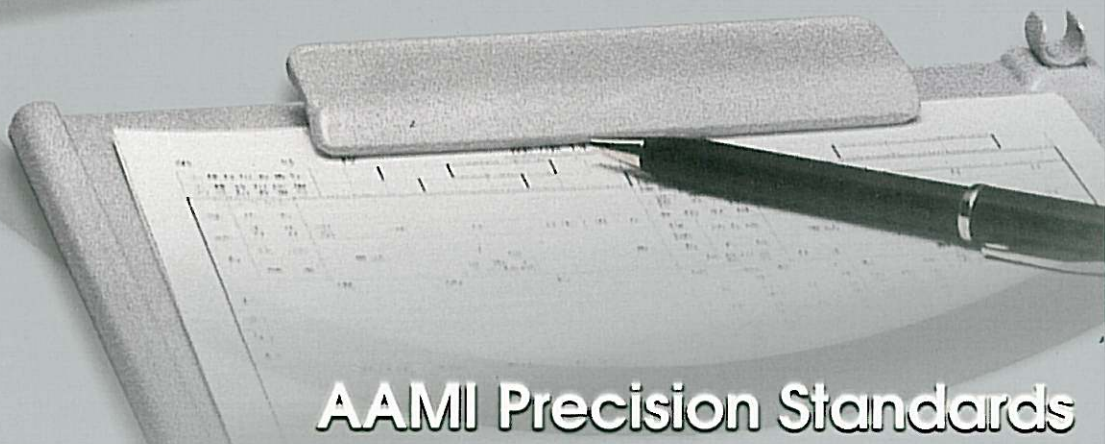
Model: HEM-907

Digital Automatic Blood Pressure Monitor

Designed for Clinical Use



- Accurate and Reliable
- Dual Measurement Mode
- Environment friendly, mercury-free
- Easy for operation and training
- Quiet, ideal for clinical environment



AAMI Precision Standards

SMART FEATURES IDEAL FOR CLINICAL USE

There is increasing concern in the clinical environment over the handling of mercury spills and maintenance of equipment containing mercury. Worldwide regulation to reduce release of harmful material into the environment, including mercury has hastened the imminent need for accurate mercury-free blood pressure meters.

1. Accuracy and Precision

The OMRON HEM-907 complies with AAMI* standards for accuracy in automatic blood pressure measurement. Based on advanced oscillometric measurement method and enhanced with Omron's fuzzy logic technology, the monitor provides easy and accurate blood pressure readings at all times.

(*AAMI: Association for the Advancement of Medical Instrumentation - USA)

2. Easy to operate

Using advanced fuzzy logic technology, the HEM-907 can determine ideal cuff inflation level based on patient arm size and blood pressure fluctuation. Deflation speed is also automatically optimized. To measure from arm circumferences of 17 to 42 cm, S, M, and L sizes of cuffs are available. The simple push-button operation also makes training of clinical staff fast and easy.

3. Dual Measurement Mode

The user can choose from two measurement modes. One is the oscillometric measurement method (AUTO Mode) and the other is auscultation method, using stethoscope (MANU Mode).

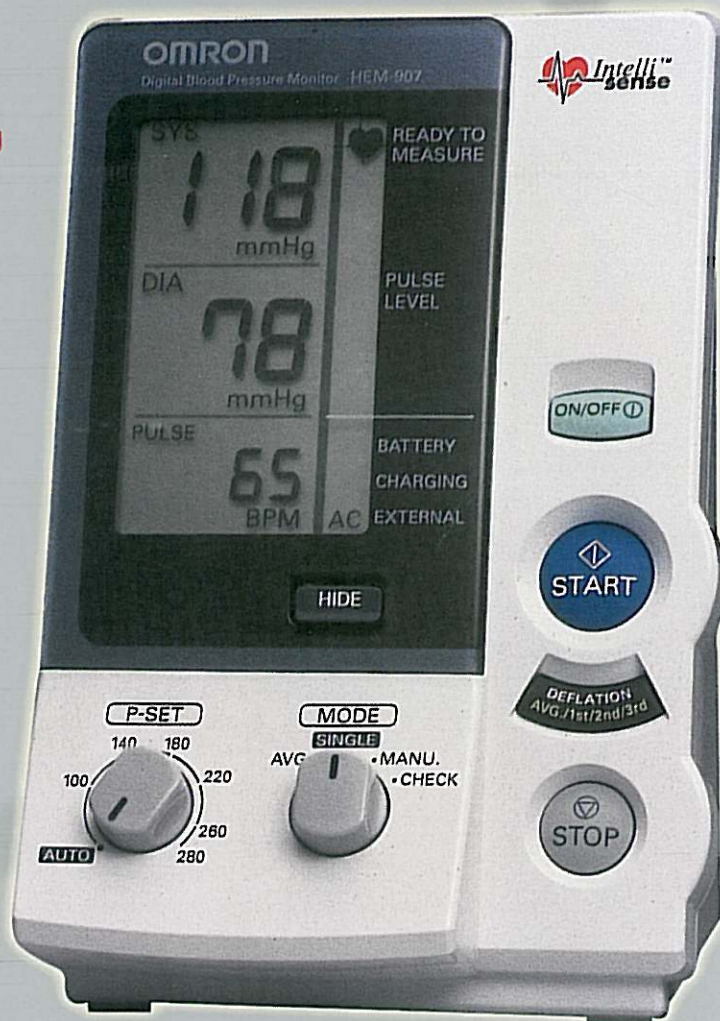
AUTO Mode (Automatic Oscillometric)

Cuff is automatically inflated to the optimal pressure according to each patient's condition. In this mode, you can select the following:

- Number of consecutive measurements (1, 2 or 3 times)
- View average measurement reading
- Waiting time before start of measurement (Immediate, 3, 5 or 10 minutes)
- Interval time between measurements (5 or 30 seconds, 1, 2 or 3 minutes)

MANU Mode (Auscultation Method)

This unit can measure blood pressure with the use of a stethoscope. The unit inflates and deflates the cuff automatically, then displays the pressure values. The pulse rate can be synchronized with the pressure as it is digitally displayed.



4. Quiet operation system

The HEM-907 operates quietly, thereby reducing stress on patient and clinical staff. The quiet system also makes it suitable for nighttime use by the patient's bedside.

5. Compact, space saving design

The main unit is lightweight (only about 0.9 kg) and can be moved around easily. Its compact shape easily fits in consultation rooms, by the patient's bedside, mounted on walls, or even on poles. For greater mobility, you may also select to use an optional rechargeable battery for cordless operation.

Examples of installation in the clinical environment

1. On the desk



3. Pole Mount



5. On roller stand



2. Bedside mount



4. Wall mount

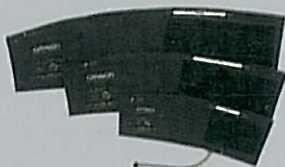


Optional Accessories



Air tube 1.0m
Model: HEM-TUBE-100

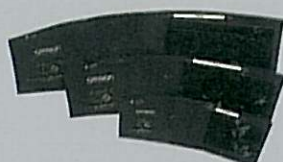
Air Tube 1.3m
Model: HEM-TUBE-130



Cuff /bladder set L
Model: HEM-907-CL19
Applicable arm
circumference: 32 to 42 cm

Cuff/bladder set M
Model: HEM-907-CR19
Applicable arm
circumference: 22 to 32 cm

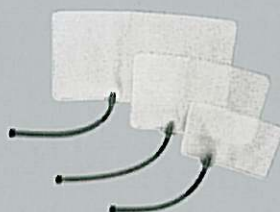
Cuff/bladder set S
Model: HEM-907-CS19
Applicable arm
circumference: 17 to 22 cm



Cuff L (without bladder)
Model: HEM-907-CUFFL

Cuff M (without bladder)
Model: HEM-907-CUFFM

Cuff S (without bladder)
Model: HEM-CUFFS



Bladder L
Model: HEM-907-BLDRL

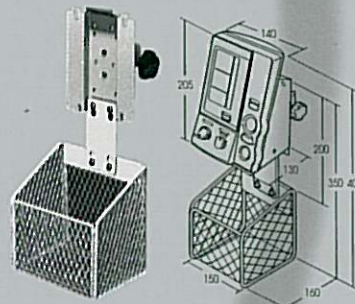
Bladder M
Model: HEM-907-BLDRM

Bladder S
Model: HEM-907-BLDRS

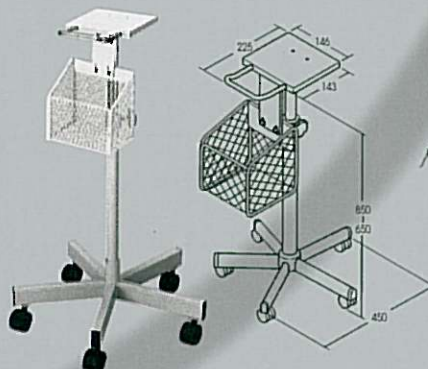
Wall-hanging kit
Model: HEM-907-WKIT



Pole-mounting kit
Model: HEM-907-PKIT



Exclusive roller stand
Model: HEM-907-STAND



Battery pack (48H907N)
HEM-907-PBAT



Specifications

Name	Omron Digital Automatic Blood Pressure Monitor
Model	HEM-907
Display	Digital display
Measurement Method	Oscillometric
Measurement Range	Pressure: 0 to 299 mmHg Pulse rate: 30 to 199 beats/min.
Accuracy	Pressure: Within ± 4 mmHg Pulse: Within $\pm 5\%$ of reading
Inflation	Automatic inflation pump
Deflation	Automatic deflation by electromagnetic control valve
Air Release	Automatic rapid air release by electromagnetic control valve
Pressure Detection	Electrostatic capacity semi-conductor pressure sensor
Power Supply	AC adapter (230 \pm 10VAC, 50/60Hz or 110VAC, 60Hz or 240 \pm 10VAC, 50Hz) * Or optional battery pack (4.8 VDC, 6 W)
Electric Shock Protection	Class II B type
Operating Temperature and Humidity	10° to 40°C 30 to 85% RH
Weight of Main Unit	Approx. 910 g
External Dimensions	Approx. 139(W) x 203(H) x 131(D)mm
Accessories Included	Cuff/bladder set M, AC adapter, air tube (1.0m), Instruction Manual

* Please note that specifications may be changed without prior notice.

* Please refer to local distributor for the appropriate AC adapter required in your country.

OMRON

Omron Healthcare Singapore Pte Ltd

83 Clemenceau Avenue, #11-01,

UE Square, Singapore 239920.

Tel: 65- 6736 2345 Fax: 65- 6736 2500

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