Digital Automatic Blood Pressure Monitor

MODEL HEM-907

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

A Good Sense of Health
1. Accuracy and Precision

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, HEM-907 can determine ideal cuff inflation 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

Users 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 mode)**

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**

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 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
2. Bedside mount
3. Pole Mount
4. Wall mount
5. On roller stand
Optional Accessories

Specifications

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<tr>
<th>Name</th>
<th>Omron Digital Automatic Blood Pressure</th>
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<td>HEM-907</td>
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<tr>
<td>Display</td>
<td>Digital Display</td>
</tr>
<tr>
<td>Measurement Method</td>
<td>Oscillometric</td>
</tr>
<tr>
<td>Measurement Range</td>
<td>Pressure 0 to 299 mmHg</td>
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<tr>
<td>Accuracy</td>
<td>Pressure Within ±4mmHg</td>
</tr>
<tr>
<td>Inflation</td>
<td>Automatic inflation pump</td>
</tr>
<tr>
<td>Deflation</td>
<td>Automatic deflation by electromagnetic control valve</td>
</tr>
<tr>
<td>Air Release</td>
<td>Automatic rapid air release by electromagnetic control valve</td>
</tr>
<tr>
<td>Pressure Detection</td>
<td>Electrostatic capacity semi-conductor pressure sensor</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC adapter (230±10VAC, 50/60Hz or 110VAC, 660Hz or 240±10VAC, 50Hz)*</td>
</tr>
<tr>
<td>Electric Shock Protection</td>
<td>Class II B type</td>
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<tr>
<td>Operation Temperature and Humidity</td>
<td>10° to 40° C</td>
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<tr>
<td>Weight of Main Unit</td>
<td>Approx: 910g</td>
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<tr>
<td>External Dimensions</td>
<td>Approx: 139(W) X 203(H) X 131(D)mm</td>
</tr>
<tr>
<td>Accessories Included</td>
<td>Cuff/bladder set M, AC adapter, air tube (1.0m), Instruction Manual</td>
</tr>
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</table>

* Please note that specifications may be changed without prior notice.
* Please refer to local distributor for the appropriate AC adapter required in your country.

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Air tube 1.0m  
Model: HEM-TUBE-100

Air tube 1.3m  
Model: HEM-TUBE-130

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

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

Cuff S (without bladder)  
Model: HEM-CUFFS

Wall-hanging kit  
Model: HEM-907-WKIT

Pole-mounting kit  
Model: HEM-907-PKIT

Bladder L  
Model: HEM-907-BLDRL

Bladder M  
Model: HEM-907-BLDRM

Bladder S  
Model: HEM-907-BLDRS

Exclusive roller stand  
Model: HEM-907-STAND

Battery pack (48VH907N)  
HEM-907-PBAT

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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

Bladder L  
Model: HEM-907-BLDRL

Bladder M  
Model: HEM-907-BLDRM

Bladder S  
Model: HEM-907-BLDRS

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Ukyo-ku, Kyoto 615-0084 JAPAN
OMRON HEALTHCARE SINGAPORE PTE LTD
438A Alexandra Road, #05-05/08, Alexandra Technopark, Singapore 119967
www.omron-healthcare.com.sg