HEM-907XL

Professional Digital Blood Pressure Monitor

OMRON®

Accuracy counts, Trust Omron

OMRON

Accuracy Healthcare Professionals Trust

The HEM-907XL Professional Blood Pressure Monitor is designed for clinical use in professional settings, including physicians' offices, hospitals and other point of care environments. Because hypertension affects nearly one in three Americans[1], it is vitally important to have a reliable instrument to help accurately diagnose this condition.

Accurate — **Clinically Validated**

HEM-907XL with wall mount option

Gold Standard Accuracy

- Pressure; within ± 3mmHg or 2%
- Pulse rate; within ± 5% of reading
- Utilized in large scale national clinical trials
  - ACCORD[2] and SANDS[3]

Validated According to Internationally Accepted Protocols

- Association for the Advancement of Medical Instrumentation (AAMI)
- British Hypertension Society (BHS)
- European Society of Hypertension-International Protocol (ESH-IP)

Versatility Healthcare Professionals Expect

The HEM-907XL Professional Blood Pressure Monitor provides unique features to meet your individual patient needs giving you the flexibility to efficiently customize your diagnostic approach.

Easy to Use — **Versatile**

4 Cuffs Included

- Cuff sizes covering a range of 17-50 cm (7" to 20") to accommodate most users
- 4 cuffs included with the unit (small, medium, large, extra large)
- Enables accurate readings on virtually all patients

The most frequent error in measuring blood pressure in the outpatient clinic is "miscuffing," with undercuffing large arms being the major problem[4]

Ease of Use

- One button operation
- Battery or AC adapter
- Large and easy to read display
- Automatic-off (after 5 minutes of inactivity)

IntelliSense® Technology

- Uses IntelliSense® technology to automatically determine the correct amount of pressure, resulting in a faster and more comfortable blood pressure measurement for your patients

Irregular Pulse Indicator

- Indicates a difference in rhythm that is more than 25% slower or faster from the average
- Displays the number of irregular pulse waves
- Helps identify changes in heart rate, rhythm, or pulse which may be caused by heart disease or other serious health issues[3]

3 Modes of Operation

- **Single Mode** takes one-time measurement automatically
- **Average Mode** takes 2 or 3 readings and calculates the average automatically and provides the patient's most accurate measurement
- **Auscultation (Manual) Mode** enables the use of auscultation technique (using a stethoscope) with added benefits of automatic inflation/deflation with digital display

5 Year Limited Warranty

HEM-907XL

Product Specifications

Name:	OMRON Digital Automatic Blood Pressure Monitor
Model:	HEM-907XL
Display:	Digital display
Measurement:	Oscillometric method
Measurement Range:	Pressure; 0 to 299 mmHg Pulse rate; 30 to 199 beats/min
Accuracy:	Pressure; Within ±3 mmHg or 2% Pulse rate; Within ±5% of reading
Inflation:	Automatic inflation with pumping
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 (120 VAC, 60 Hz, 13 VA) or (120VAC, 50/60Hz, 0.2A) Battery pack (4.8 VDC, 6W)
Electric Shock Protection Method:	Class II B type
Operating Temperature and Humidity:	50°F to 104°F (10 to 40°C), 30 to 85% RH, IPX 0 Rating
Weight of Main Unit:	Approx. 32 oz (910 g)
External Dimensions:	Approx.5 1/2" (W) x 8" (H) x 5 1/6" (D) 139 (W) x 203 (H) x 131 (D) mm
Complies with:	IEC 60601-1:1998+A1:1991+A2:1995 General requirements for safety IEC 60601-1-2:1993 Electromagnetic compatibility - Requirements and tests AAMI SP10:1992 Manual, Electronic or Automated Sphygmomanometers
Package Contents:	Blood Pressure Monitor, Cuffs (Extra Large, Large, Medium, and Small) and Bladder Set, 1.3m Air Tube, AC Adapter, and Battery Pack

[1]Pickering, et al. Recommendations for blood pressure measurements in humans and experimental animals, Circulation 2005, 111(5):697-716.
[2]*New England Journal of Medicine* 2008; 358: 2545-59.
[3]*The Journal of Clinical Hypertension* Vol 11 No. 10 Oct 2009 p. 542
[4]*Am J Emerg Med* 1995; 13:204-210. Copyright © 1995 by W.B. Saunders Company

Accessories:

HEM-907-CS19	Cuff and Bladder Set, Small, 17-22 cm circumference
HEM-907-CR19	Cuff and Bladder Set, Medium, 22-32 cm circumference
HEM-907-CL19	Cuff and Bladder Set, Large, 32-42 cm circumference
HEM-907-CX19	Cuff and Bladder Set, Extra Large, 42-50 cm circumference with integrated air tube
HEM-TUBE-130	Air Tube, 1.3 m Working Length for small, medium, and large cuffs
HEM-907-STAND	Stand
HEM-907-WKIT	Wall Mounting Kit
HEM-907-PKIT	Pole Mounting Kit
HEM-907-PBAT	Battery Pack
HEM-ADPT-907	AC Adapter

HEM-907XL
with stand option

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