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## Omron HEM 907XL

# OMRON HEM-907XL IntelliSense Professional Digital Blood Pressure Monitor User Manual

Brand: Omron | Model: HEM 907XL

## INTRODUCTION

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The OMRON HEM-907XL IntelliSense Professional Digital Blood Pressure Monitor is designed for accurate blood pressure measurement in clinical settings. This manual provides essential information for the proper setup, operation, and maintenance of your device to ensure reliable performance.



Figure 1: OMRON HEM-907XL Professional Digital Blood Pressure Monitor with a standard cuff.

## SAFETY INFORMATION

Please read all safety instructions carefully before using the device. This device is intended for clinical use only.

- The device is Latex Free.
- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.
- Consult a healthcare professional for interpretation of blood pressure readings.
- Do not use this device on infants or individuals who cannot express consent.

## INCLUDED COMPONENTS

The OMRON HEM-907XL package typically includes the following items:

- OMRON HEM-907XL Digital Blood Pressure Monitor Unit
- Four (4) Arm Cuffs (various sizes: Small, Medium, Large, Extra Large)
- AC Adapter
- Rechargeable Battery Pack
- Air Tube for cuff connection



Figure 2: The four included arm cuffs, designed to fit a wide range of arm sizes from 7" to 20" in circumference.

# ACCURATE. RELIABLE. EASY TO USE



## #1 DOCTOR AND PHARMACIST RECOMMENDED BRAND

1. Frost & Sullivan Survey, Blood pressure clinical and perception tracker surveys. June 26, 2020. 2. U.S. News Star 2020, U.S. News & World Report <<https://hearth.usnews.com/drugs/rankings/top-rec-blood-pressure-monitors>>, accessed June 9, 2020.

Figure 3: Detailed table of cuff sizes and their compatible arm circumferences.

## SETUP

### Powering the Device

The OMRON HEM-907XL can be powered using the included AC adapter or the rechargeable battery pack.

- **AC Adapter:** Connect the AC adapter to the designated port on the monitor and plug it into a standard electrical outlet.
- **Rechargeable Battery Pack:** Ensure the battery pack is fully charged before first use. Insert the charged battery pack into the battery compartment according to the markings.

### Attaching the Arm Cuff

Select the appropriate cuff size for the patient's arm circumference. Ensure the cuff fits snugly but not too tightly. The index mark on the cuff should align with the brachial artery.

1. Connect the air tube from the cuff securely to the air jack on the monitor.
2. Wrap the cuff around the patient's upper arm, approximately 1-2 cm above the elbow.
3. Ensure the air tube runs down the center of the arm in line with the middle finger.



Figure 4: Proper placement of the arm cuff and monitor setup in a clinical environment.

## OPERATION

### Basic Measurement Procedure

Follow these steps for a standard blood pressure measurement:

1. Ensure the patient is seated comfortably with their arm supported at heart level.
2. Press the **ON/OFF** button to power on the device.
3. Select the desired measurement mode using the **MODE** dial (Single, Average, Manual, Check). For most measurements, the **Single** or **Average** mode is used.
4. Press the **START** button to begin the measurement. The cuff will automatically inflate.
5. Remain still and quiet during the measurement.
6. Once the measurement is complete, the blood pressure readings (Systolic, Diastolic) and pulse rate will be displayed on the screen.

7. Press the **STOP** button to deflate the cuff and turn off the device, or it will auto-shutoff after 5 minutes of inactivity.

## Measurement Modes

The OMRON HEM-907XL offers three primary measurement modes:

- **Single Mode:** Performs a single blood pressure measurement with automatic inflation.
- **Average Mode (AVG):** Automatically measures blood pressure two or three times consecutively and displays the average reading. This mode is often recommended for more accurate results.
- **Auscultation Mode (MANU):** Allows for manual blood pressure readings using a stethoscope. This mode provides automatic inflation and deflation but requires manual auscultation for readings.
- **Check Mode (CHECK):** Used to verify the accuracy of the pressure display.

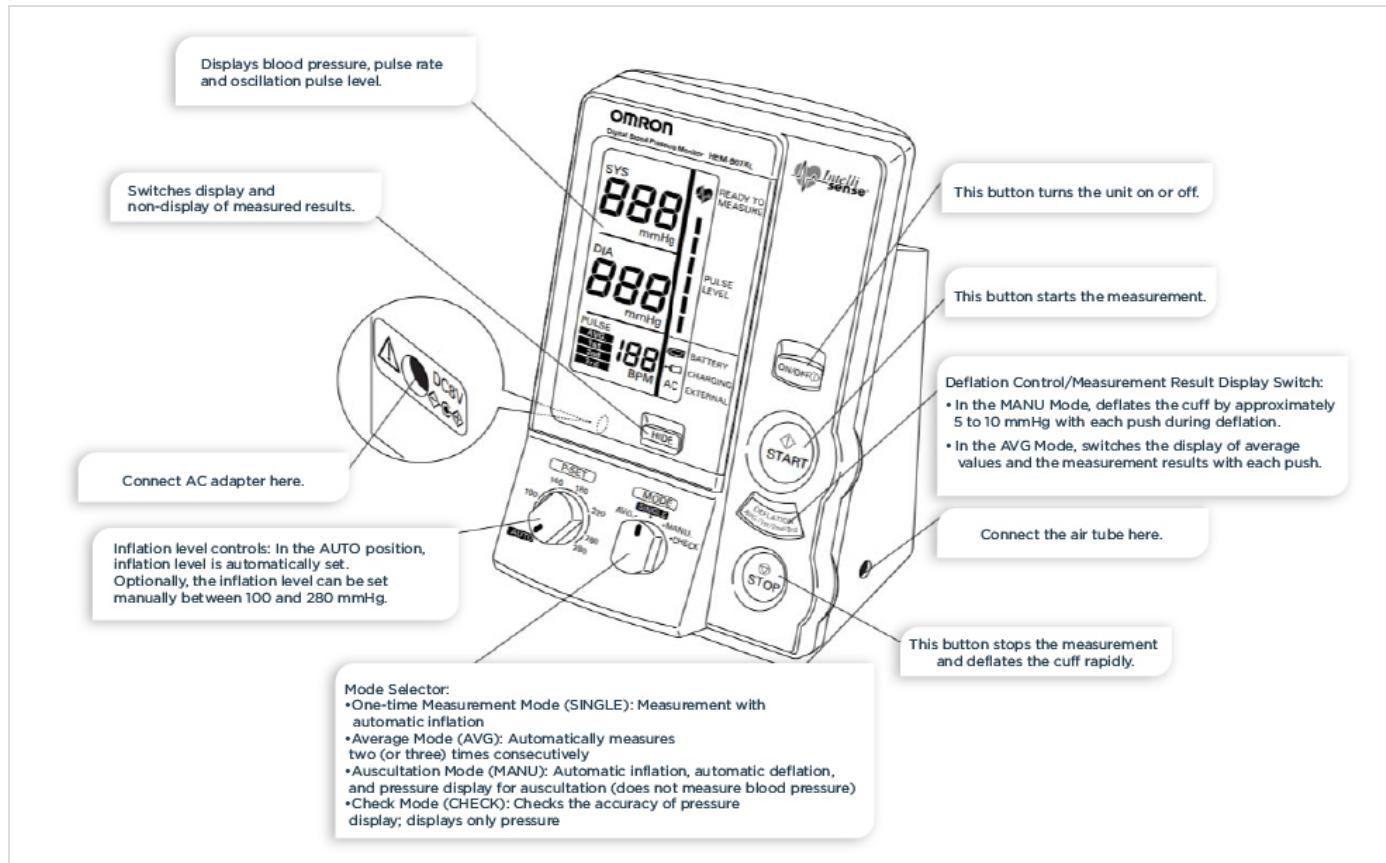


Figure 5: Overview of the monitor's display and control buttons, including mode selection and inflation level settings.

## Official Product Videos

No official product demonstration videos from the seller are currently available for embedding. For further visual guidance, please refer to the detailed diagrams and instructions provided in this manual or the full PDF user guide.

## MAINTENANCE

### Cleaning

- Wipe the monitor unit with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- The arm cuffs are reusable and can be cleaned according to the instructions provided with the cuffs. Typically, they can be wiped down with a damp cloth and mild disinfectant. Ensure cuffs are completely dry before storage.

### Storage

- Store the device and cuffs in a clean, dry place away from direct sunlight, extreme temperatures, and humidity.
- Avoid dropping the device or subjecting it to strong shocks.

## TROUBLESHOOTING

If you encounter issues with your OMRON HEM-907XL, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Device does not turn on.	AC adapter not connected properly or battery discharged.	Ensure AC adapter is securely plugged in. If using battery, check battery charge level or replace/recharge battery pack.
Cuff does not inflate or inflates insufficiently.	Air tube not connected, cuff not properly wrapped, or air leakage.	Check that the air tube is securely connected to both the cuff and the monitor. Re-wrap the cuff snugly. Inspect cuff and tube for any damage or leaks.
Error message displayed.	Movement during measurement, improper cuff placement, or irregular pulse.	Remain still and quiet during measurement. Re-position the cuff correctly. If irregular pulse indicator appears frequently, consult a healthcare professional.
Inaccurate or inconsistent readings.	Improper posture, talking during measurement, incorrect cuff size, or device needs calibration.	Ensure proper measurement technique (seated, arm supported, quiet). Verify correct cuff size. If issues persist, contact Omron customer support for calibration or service.

## TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	OMRON Hem 907XL
Product Dimensions	9 x 9 x 6 inches
Item Weight	3 Pounds
Manufacturer	Omron
Country of Origin	USA
Power Source	Battery Powered (Rechargeable Battery Pack) / AC Adapter
Display Type	Digital
Arm Cuff Sizes Included	Four cuffs for arm sizes 7" to 20" (17-50 cm)
Measurement Modes	Single, Average, Auscultation (Manual), Check
Technology	IntelliSense Technology

## WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Omron website. For technical support, service, or calibration inquiries, please contact Omron customer service.

You can also download the official user manual in PDF format for comprehensive instructions:

[Download User Manual  
\(PDF\)](#)

## Related Documents - HEM 907XL

	<p><a href="#">OMRON HEM-7124 Automatic Blood Pressure Monitor Instruction Manual</a></p> <p>Instruction manual for the OMRON HEM-7124 Automatic Blood Pressure Monitor. Covers setup, usage, troubleshooting, maintenance, and specifications for accurate blood pressure and pulse rate measurement.</p>
	<p><a href="#">Návod na použitie OMRON M6 Comfort AFib (HEM-7380-E)</a></p> <p>Kompletný návod na použitie pre automatický tlakomer OMRON M6 Comfort AFib (HEM-7380-E), vrátane pokynov na bezpečnú prevádzku, údržbu, riešenie problémov a špecifikácií produktu.</p>
	<p><a href="#">OMRON HEM-7511T Upper Arm Blood Pressure Monitor Instruction Manual</a></p> <p>Instruction manual for the OMRON HEM-7511T Upper Arm Blood Pressure Monitor, covering setup, measurement, features like Intellisense and Bluetooth connectivity, data tracking via the OMRON connect app, safety, and blood pressure knowledge.</p>
	<p><a href="#">OMRON HEM-711DLXCAN IntelliSense Automatic Blood Pressure Monitor Instruction Manual</a></p> <p>User guide for the OMRON HEM-711DLXCAN IntelliSense Automatic Blood Pressure Monitor with ComFit Cuff. Learn how to operate, maintain, and troubleshoot your device for accurate home blood pressure readings.</p>
	<p><a href="#">OMRON HEM-7156 Automatic Blood Pressure Monitor Instruction Manual</a></p> <p>Comprehensive guide for the OMRON HEM-7156 Automatic Blood Pressure Monitor. Covers setup, usage, readings, memory functions, troubleshooting, and accessories. Ensure accurate measurements with this user-friendly manual. Document revision: 2892506-3B.</p>
	<p><a href="#">OMRON HEM-7156T Automatic Blood Pressure Monitor Instruction Manual</a></p> <p>This manual provides instructions for using the OMRON HEM-7156T Automatic Blood Pressure Monitor, including preparation, operation, checking readings, and maintenance. It supports multiple languages and Bluetooth connectivity.</p>