



# AUTOMATIC BLOOD PRESSURE MONITOR

**HEM-7320**

**Ultra Comfort, Advanced Functionality**  
Providing accurate and comfortable upper arm blood pressure measurement with enhanced technology

**ENHANCED**  
**INTELLISENSE TECHNOLOGY**  
Automatically applies the right amount of pressure for fast, accurate and more comfortable measurements.

- Cuff Wrapping Guide Lamp
- Average of Last 3 Readings
- Blood Pressure Colour Indicator
- Irregular Heartbeat Detection
- Blood Pressure Level Indicator
- Body Movement Detection
- Easy Positioning Wrap
- 90 Memory with Date and Time
- Easy Fit Cuff
- IntelliSense Technology



**ULTRA PREMIUM**

All for Healthcare



Established 1922

**Medical and Surgical Requisites Pty Ltd**

Call within Brisbane 07 3859 2900 33 Fulcrum Street Richlands Queensland 4077 www.medsurg.com.au  
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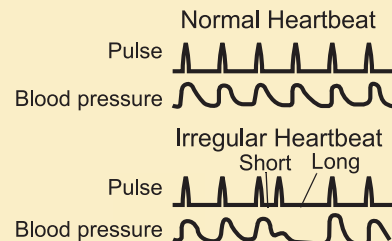




## IRREGULAR HEARTBEAT DETECTION

An irregular heartbeat is a heartbeat rhythm that varies by more than 25% from the average heartbeat rhythm detected while the unit is measuring the systolic and diastolic blood pressure.

If the irregular heartbeat symbol is shown frequently, please inform your doctor.



## AVERAGE OF LAST 3 READINGS TAKEN WITHIN 3 MINUTES



## DETECTS BODY MOVEMENT ERROR

Prompts user to retake measurement when an error is detected due to movement of the body during measurement



## STORES 90 MEASUREMENTS WITH DATE AND TIME IN MEMORY

### What is Blood Pressure?

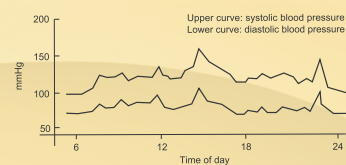
Blood pressure is a measure of the force of blood flowing against the walls of the arteries. Arterial blood pressure is constantly changing during the course of the heart's cycle.

The highest pressure in the cycle is called the Systolic Blood Pressure; the lowest is the Diastolic Blood Pressure.

Both pressure readings, the Systolic and Diastolic, are necessary to enable a doctor to evaluate the status of a patient's blood pressure.

### Why is it a Good Thing to Measure Blood Pressure at Home?

Many factors such as physical activity, anxiety, or the time of day, can influence your blood pressure. A single measurement may not be sufficient for an accurate diagnosis. Thus it is best to try and measure your blood pressure at the same time each day, to get an accurate indication of any changes in blood pressure. Blood pressure is typically low in the morning and increases from afternoon to evening. It is lower in the summer and higher in the winter.



Example: fluctuation within a day (male, 35 years old)

**OMRON HEM-7320** is a compact, fully-automatic blood pressure monitor that offers users a personalised blood pressure monitoring experience while promising accuracy, comfort and ease of use.



Intelli  
sense

## ENHANCED INTELLISENSE TECHNOLOGY

The new algorithm enhances measurement accuracy with a standard deviation of less than 4 mmHg. With a press of a button, the enhanced IntelliSense Technology delivers accurate measurements with comfort and ease of use.



### Cuff Wrapping Guide Lamp

The "Cuff Wrapping Guide Lamp" is a unique feature that guides user to the right cuff wrap by indicating "OK". This feature ensures an accurate and reliable blood pressure measurement.



: Cuff has been correctly wrapped.



: Cuff is incorrectly wrapped. Rewrap cuff.



### EASY POSITIONING WRAP

Monitoring blood pressure is made stress-free with the improved cuff.

It is designed to provide reliable readings even for first time users while allowing users to position the cuff easily.



### BLOOD PRESSURE COLOUR INDICATOR

For easy interpretation of blood pressure results. When either the SYS or DIA readings are lower than 135 systolic/85 diastolic, the corresponding LED glows in Green. If the SYS or DIA readings are higher than or equal to 135 systolic/85 diastolic, the corresponding LED glows in Orange.

- Orange Indicator: Results are outside the standard range (above 135/ 85 mmHg).
- Green Indicator: Results are within the standard range.



### BLOOD PRESSURE LEVEL INDICATOR

For easy interpretation of blood pressure results. Recent studies\* suggest that systolic or diastolic pressure values above 135 systolic/ 85 diastolic mmHg indicate high blood pressure. This criteria is for home blood pressure measurement.

\*Source: American Heart Association (AHA) guidelines for home BP monitoring, Ohasama Study



### EASY FIT CUFF

Omron's Easy Fit Cuff is a preformed cuff which makes cuff application fuss-free. It requires less air for inflation causing less pain, and provides the users more comfortable and accurate measurement.

# Omron Easy Fit Cuff



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## SPECIFICATIONS

<b>Model</b>	<b>HEM-7320</b>
Display	LCD Digital Display
<b>Measurement Method</b>	<b>Oscillometric method</b>
Measurement Range	Pressure: 0 to 299 mmHg • Pulse: 40 to 180 beats/min.
<b>Accuracy</b>	<b>Pressure: <math>\pm 3</math> mmHg • Pulse: <math>\pm 5\%</math> of display reading</b>
Inflation	Fuzzy-logic controlled by electric pump
<b>Deflation</b>	<b>Automatic pressure release valve</b>
Power Source	4 "AA" batteries 1.5V or AC adapter (INPUT AC100-240V 50/60Hz 0.12A)
<b>Battery Life</b>	<b>Capacity of new alkaline batteries is approximately 1000 measurements</b>
Console Weight	Approximately 380g (without batteries)
<b>Cuff Weight</b>	<b>Approximately 163g</b>
Outer Dimensions	Approximately 124(W)mm x 90(H)mm x 161(L)mm
<b>Cuff Dimensions</b>	<b>Approximately 145mm (W) x 532mm (L) (fits arm circumference 22-42cm)</b>
Cuff Material	Nylon, polyester, polyvinyl chloride (latex-free)
<b>Package Contents</b>	<b>Main unit, Wide Range Fit Cuff, battery set, storage case, instruction manual, Guaranty Card</b>
Optionals	Wide Range Fit Cuff HEM-FL31 (fits arm circumference 22-42cm)

\*Note: Specifications may be subject to change without prior notice.



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