

SmartHeart 01-539WR

SmartHeart Automatic Blood Pressure Monitor

Model: 01-539WR

IMPORTANT SAFETY INFORMATION

Please read this instruction manual thoroughly before using your SmartHeart Blood Pressure Monitor. Keep this manual for future reference.

- Consult your physician before using this device if you have any medical conditions.
- Do not use this device for diagnosis or treatment of any health problem or disease.
- Measurements taken with this device are for reference only. Always consult a healthcare professional for interpretation of results.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the unit.
- Use only approved accessories and parts.

PACKAGE CONTENTS

- SmartHeart Automatic Blood Pressure Monitor Unit
- Wide-Range Arm Cuff (fits arm circumference 8.6 in. - 16.5 in. / 22 cm - 42 cm)
- Instruction Manual
- Storage Bag

PRODUCT OVERVIEW

Familiarize yourself with the components of your blood pressure monitor.



Figure 1: SmartHeart Automatic Blood Pressure Monitor with its wide-range arm cuff and storage bag. The monitor features a large digital display and two buttons: MEM and START.

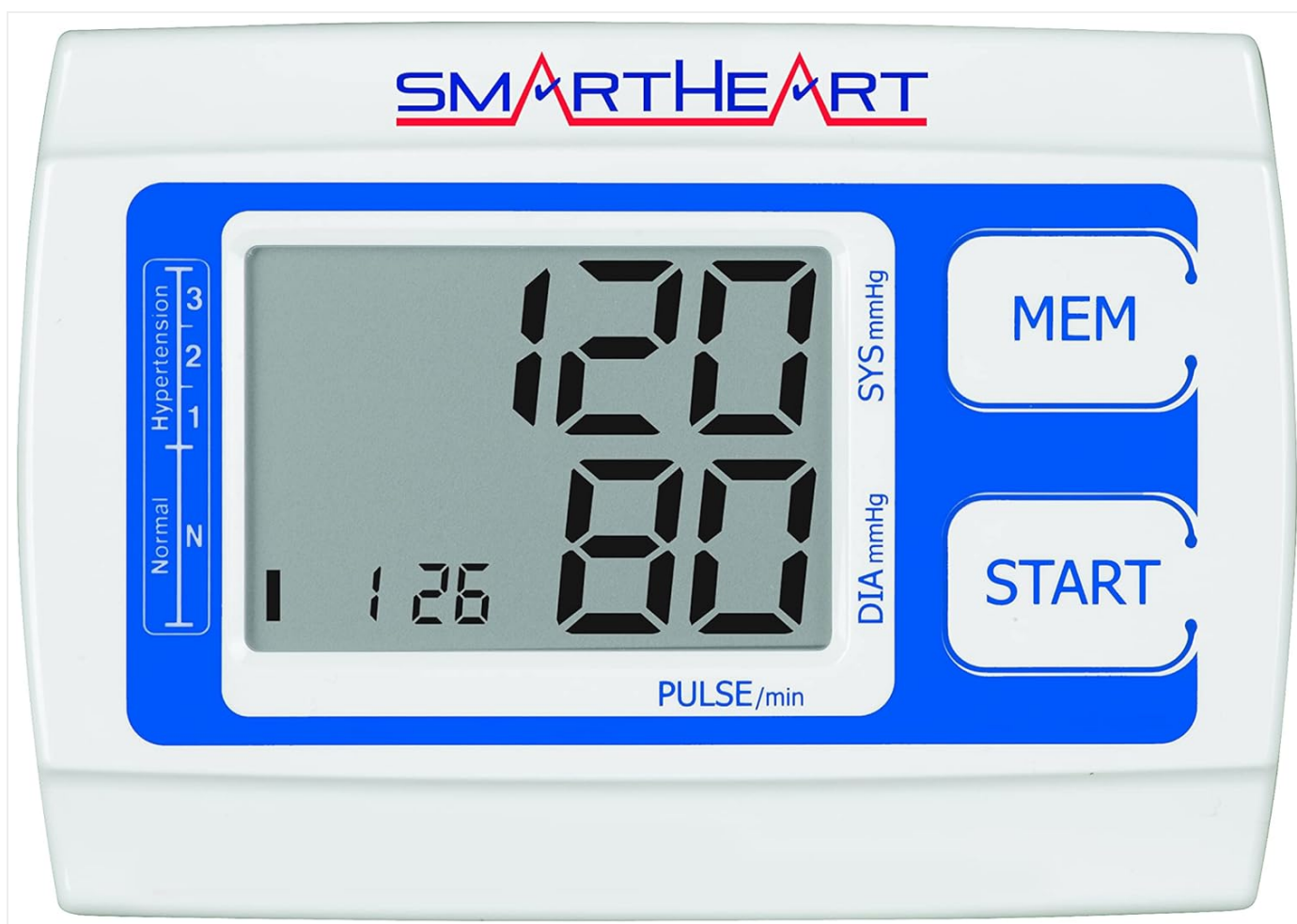


Figure 2: Detailed view of the monitor's display. It shows systolic (SYS), diastolic (DIA) pressure in mmHg, and pulse rate per minute. A hypertension indicator is visible on the left side of the screen.



A Name You Can Trust.

INTELLIGENT INFLATION TECHNOLOGY

- ✓ Accurate results in under a minute
- ✓ More comfortable measurements

Intelligent Inflation provides a better user experience.

This blood pressure monitor utilizes results history during measurement to determine inflation level, allowing for a faster measurement and more comfortable reading.



Figure 3: Intelligent Inflation Technology. This feature uses previous measurement history to determine the optimal inflation level, resulting in faster and more comfortable readings.

WIDE-RANGE ARM CUFF

- ✓ This monitor comes with a wide-range arm cuff.
- ✓ Fits arm circumference: **8.6 in. – 16.5 in. (22 cm – 42 cm)**
- ✓ Traditional D-ring style cuff allows for easy application.
- ✓ Soft fabric with secure hook & loop closure provides a comfortable fit.
- ✓ Not made with natural rubber latex.

Versatile Wide-Range Cuffs:

Easily accommodate multiple users in your household with a wide-range cuff. Performance-tested to provide the same accurate measurements as standard cuffs, a wide-range cuff allows for more arm circumference variance from user to user.

How to Choose the Proper Size Cuff:

To determine the proper cuff size, measure the circumference of your left upper arm at the point halfway between the bend at your elbow and your shoulder. Choose a cuff with the range that best accommodates your arm size measurement. Using an incorrect cuff size could result in inaccurate readings. Only approved SmartHeart™ brand cuffs will accurately work with this model.

Figure 4: Wide-Range Arm Cuff details. The cuff fits arm circumferences from 8.6 to 16.5 inches (22-42 cm), features a traditional D-ring style, soft fabric, and hook & loop closure for a comfortable fit. It is not made with natural rubber latex.

1. Battery Installation

Open the battery compartment cover on the back of the unit. Insert four (4) AA alkaline batteries, ensuring correct polarity (+/-). Close the cover securely.

2. Connecting the Arm Cuff

Insert the air tube connector from the arm cuff firmly into the air jack on the left side of the monitor unit.

3. Setting Date and Time (if applicable)

Refer to the specific instructions in your manual for setting the date and time, usually involving pressing the 'MEM' button in a specific sequence while the unit is off or in setup mode.

OPERATING INSTRUCTIONS

Preparing for Measurement

- Avoid eating, drinking alcohol, smoking, or exercising for at least 30 minutes before measurement.
- Rest for at least 5 minutes before taking a measurement.
- Sit upright with your back supported and feet flat on the floor.
- Place your arm on a flat surface so the cuff is at heart level.
- Ensure the cuff is applied directly to bare skin, not over clothing.

Applying the Arm Cuff

1. Slide your left arm through the cuff loop. The air tube should run down the inside of your arm.
2. Position the cuff so the bottom edge is approximately 1 inch (2-3 cm) above your elbow.
3. Wrap the cuff snugly around your arm, securing it with the hook and loop fastener. Ensure it is not too tight or too loose.

Taking a Measurement

1. With the cuff correctly applied and the unit connected, press the **START** button.
2. The cuff will automatically inflate. Remain still and silent during the measurement.
3. Once the measurement is complete, the cuff will deflate, and your systolic pressure, diastolic pressure, and pulse rate will be displayed on the screen.
4. The unit will automatically store the reading in its memory.
5. Press the **START** button again to turn off the unit, or it will automatically shut off after 1 minute of inactivity.

MEMORY FUNCTIONS

The SmartHeart monitor stores previous readings for easy review.

Viewing Stored Readings

- From the OFF state, press the **MEM** button.
- The most recent reading will be displayed first.
- Press the **MEM** button repeatedly to scroll through older readings.
- The unit will display the average of the last three readings (if available) before showing individual readings.

Clearing Memory

To clear all stored readings, press and hold the **MEM** button for approximately 5 seconds while in memory recall mode.

until "CLR" or "---" appears on the display, indicating memory has been cleared.

MAINTENANCE AND CARE

- Clean the monitor unit and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- Store the unit in its storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Do not drop or subject the unit to strong impacts.
- Regularly check the air tube and cuff for any signs of damage or wear.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display when powered on.	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity.
"E1" or "Err" displayed.	Cuff not applied correctly or movement during measurement.	Reapply cuff snugly. Remain still and silent during measurement.
Inconsistent readings.	Improper measurement technique, stress, or environmental factors.	Ensure proper preparation and technique (see Operating Instructions). Take multiple readings over time. Consult a physician if concerns persist.
Cuff does not inflate.	Air tube not connected properly or leak in cuff/tube.	Check air tube connection. Inspect cuff and tube for damage.

SPECIFICATIONS

- **Model:** 01-539WR
- **Measurement Method:** Oscillometric
- **Measurement Range:**
 - Pressure: 0-300 mmHg
 - Pulse: 40-199 beats/minute
- **Accuracy:**
 - Pressure: ± 3 mmHg
 - Pulse: $\pm 5\%$ of reading
- **Cuff Size:** Wide-Range Arm Cuff (fits arm circumference 8.6 in. - 16.5 in. / 22 cm - 42 cm)
- **Memory:** Stores up to 99 readings
- **Power Source:** 4 x AA batteries (not included)
- **Automatic Shut-off:** Approximately 1 minute after last operation
- **Operating Conditions:** 50°F - 104°F (10°C - 40°C), 15-90% RH non-condensing
- **Storage Conditions:** -4°F - 140°F (-20°C - 60°C), 10-95% RH non-condensing
- **Weight:** Approximately 8 ounces (excluding batteries)

- **Manufacturer:** Veridian Healthcare
- **UPC:** 845717009201

WARRANTY AND SUPPORT


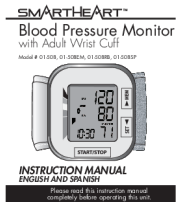

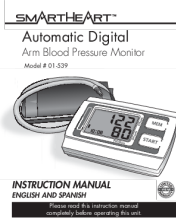

SmartHeart products are manufactured to strict quality standards. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official SmartHeart website. Keep your purchase receipt as proof of purchase for warranty claims.

Note: Warranty terms may vary by region.



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Related Documents - 01-539WR

	<p>SmartHeart™ Automatic Digital Blood Pressure Arm Monitor (Model 01-563) - Instruction Manual</p> <p>User guide for the SmartHeart™ Automatic Digital Blood Pressure Arm Monitor (Model 01-563) by Veridian Healthcare. Covers setup, operation, safety, interpretation of results, and maintenance for accurate home blood pressure monitoring.</p>
	<p>SmartHeart Blood Pressure Monitor Instruction Manual</p> <p>Comprehensive instruction manual for the SmartHeart Blood Pressure Monitor with Adult Wrist Cuff, covering setup, usage, interpretation of results, and safety precautions. Includes model numbers 01-508, 01-508EM, 01-508RB, and 01-508SP.</p>
	<p>SmartHeart Automatic Digital Blood Pressure Arm Monitor Instruction Manual</p> <p>Comprehensive instruction manual for the SmartHeart Automatic Digital Blood Pressure Arm Monitor (Model # 01-553), covering setup, operation, safety precautions, and maintenance. Includes information in both English and Spanish.</p>
	<p>SmartHeart 01-539 Automatic Digital Arm Blood Pressure Monitor Instruction Manual</p> <p>User manual for the SmartHeart 01-539 Automatic Digital Arm Blood Pressure Monitor by Veridian Healthcare. Learn how to use, set up, and maintain your device for accurate blood pressure readings.</p>
	<p>SmartHeart Talking Blood Pressure Arm Monitor Quick Start Guide</p> <p>Quick start guide for the SmartHeart Talking Blood Pressure Arm Monitor (Model # 01-742T). Learn how to apply the cuff, take measurements, and interpret results.</p>



[SmartHeart Talking Blood Pressure Arm Monitor Quick Start Guide](#)

Quick start guide for the SmartHeart Talking Blood Pressure Arm Monitor (Model 01-742T). Learn how to apply the cuff, take measurements, and understand readings. Includes important notes and contact information.