Rossmax RXS150

Rossmax S150 Automatic Wrist Blood Pressure Monitor

Model: RXS150

1. INTRODUCTION AND OVERVIEW

The Rossmax S150 is an advanced automatic wrist blood pressure monitor designed to provide convenient and accurate blood pressure and pulse rate readings. Equipped with Smart Sense Technology, this device ensures precise measurements and offers features like Irregular Heartbeat Detection (IHB) and Movement Detection for enhanced reliability. Its compact and portable design makes it ideal for both home use and on-the-go health monitoring.

Figure 1.1: Rossmax S150 Blood Pressure Monitor packaging, highlighting key features like 90 memories and Hypertension Risk Indication.

Key features include:

- Advanced automatic wrist blood pressure monitoring.
- Smart Sense Technology for precise measurements.
- Movement Detection to ensure accurate readings.
- Hypertension Risk Indication.
- One-touch Automatic Operation.
- Irregular Heartbeat Detection (IHB).
- Average of the last three readings.
- 90 memory storage capacity.
- Large LCD for easy reading of results.

2. Setup

2.1 Battery Installation

The Rossmax S150 requires 4 AAA batteries for operation. These are typically included with the device.

1. Locate the battery compartment on the back or side of the monitor.
2. Open the battery compartment cover.
3. Insert 4 AAA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

2.2 Proper Wrist Placement

For accurate readings, proper placement of the wrist monitor is crucial.

1. Sit comfortably with your feet flat on the floor and your arm resting on a table.
2. Place the monitor on your left wrist, with the display facing upwards. The monitor should be positioned approximately 1-2 cm from your palm.
3. Ensure the cuff is snug but not too tight, allowing one finger to fit comfortably between the cuff and your wrist.
4. Position your wrist at heart level. You may need to support your elbow with your other hand or a cushion.

Figure 2.1: Proper positioning of the Rossmax S150 on the wrist for measurement.

3. OPERATING INSTRUCTIONS

3.1 Taking a Measurement

The Rossmax S150 features one-touch automatic operation for ease of use.

1. Ensure the monitor is correctly placed on your wrist and your body is relaxed.
2. Press the power button (usually marked with a power symbol). The cuff will automatically inflate.
3. Remain still and silent during the measurement process. Movement or talking can affect accuracy.
4. Once the measurement is complete, the cuff will deflate, and your systolic pressure (SYS), diastolic pressure (DIA), and pulse rate (PULSE) will be displayed on the large LCD.
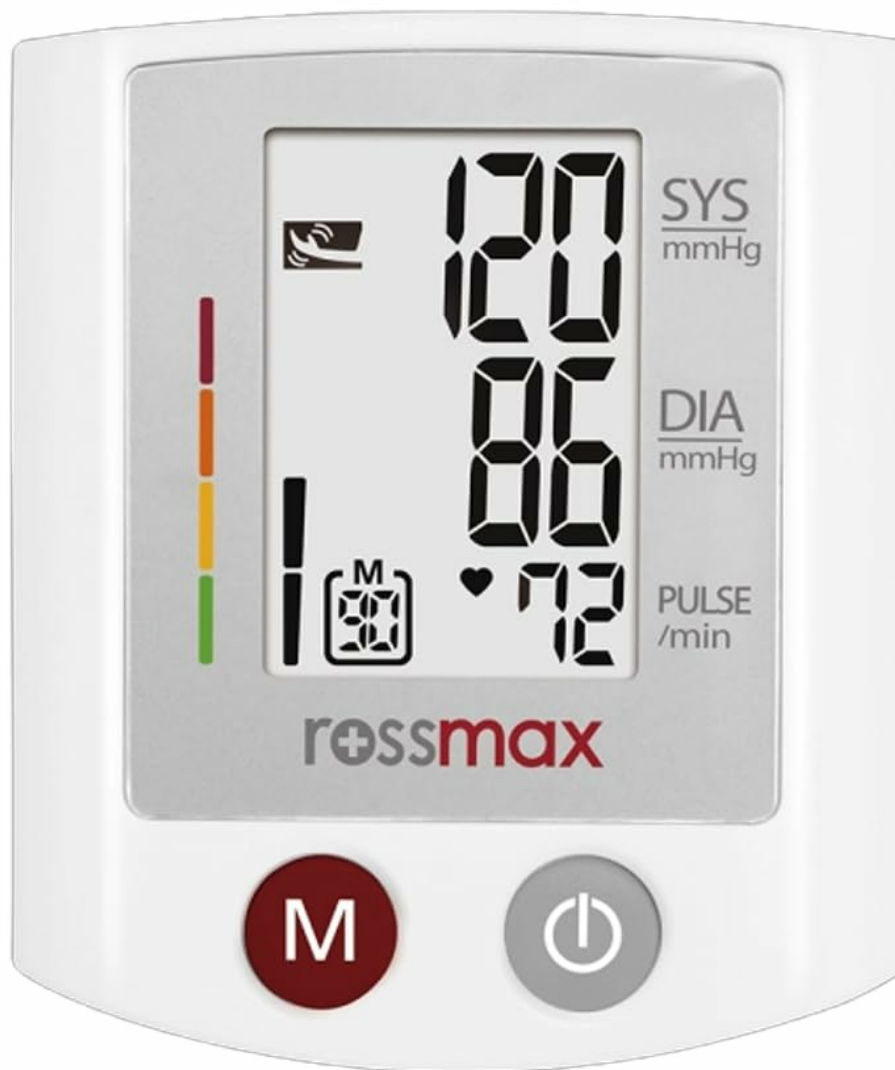
Figure 3.1: The Rossmax S150 display showing typical blood pressure and pulse readings.

3.2 Understanding Readings and Indicators

- **SYS (Systolic Pressure):** The top number, indicating the pressure in your arteries when your heart beats.
- **DIA (Diastolic Pressure):** The bottom number, indicating the pressure in your arteries between beats.
- **PULSE:** Your heart rate, measured in beats per minute.
- **Hypertension Risk Indication:** The display may include a color-coded bar or symbol to indicate if your reading falls within a hypertension risk category. Consult your healthcare professional for interpretation.
- **Irregular Heartbeat Detection (IHB):** If an irregular heartbeat is detected during the measurement, a specific symbol will appear on the display. This does not replace a cardiac examination but serves as an alert.
- **Movement Detection:** If excessive movement is detected during measurement, an icon may appear, indicating that the reading might be inaccurate. It is recommended to retake the measurement.

3.3 Memory Function

The monitor stores up to 90 readings. To access stored readings:

- With the device off, press the 'M' (Memory) button.
- The display will show the average of the last three readings first, then cycle through individual stored readings from most recent to oldest.

4. MAINTENANCE

4.1 Cleaning the Monitor

To ensure the longevity and hygiene of your monitor:

- Wipe the monitor and cuff gently with a soft, dry cloth.
- If necessary, use a cloth lightly dampened with water or a mild, non-abrasive cleaner.
- Do not use harsh chemicals, abrasive cleaners, or immerse the device in water.

4.2 Battery Replacement

When the battery indicator appears on the display, replace all four AAA batteries simultaneously with new ones. Do not mix old and new batteries or different types of batteries.

4.3 Storage

Store the monitor in a clean, dry place, away from direct sunlight, extreme temperatures, and humidity. The recommended storage environment is -10°C to 60°C with 10-90% RH.

5. TROUBLESHOOTING

If you encounter issues with your Rossmax S150, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Monitor does not turn on.	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity.
Readings appear inaccurate or inconsistent.	Improper cuff placement, movement during measurement, or incorrect body posture.	Ensure correct wrist placement at heart level. Remain still and silent during measurement. Retake the measurement after a few minutes of rest.
Error message on display.	Cuff not properly inflated/deflated, or internal error.	Ensure cuff is securely attached. Turn off the device, wait a few minutes, and try again. If the error persists, contact customer support.
No readings stored in memory.	Memory is full or not accessed correctly.	Ensure measurements are completed successfully. Press the 'M' button to review stored readings.

If the problem persists after attempting these solutions, please contact Rossmax customer support.

6. Specifications

- **Model:** RXS150
- **Product Dimensions:** 82 (L) x 69 (W) x 66 (H) mm
- **Item Weight:** 85 g
- **Power Source:** 1.5 V DC (4 x AAA batteries)
- **Operation Environment:** 10°C - 40°C, 40% - 85% RH
- **Storage Environment:** -10°C - 60°C, 10% - 90% RH
- **Display Type:** Digital LCD
- **Memory Capacity:** 90 readings
- **Included Components:** Batteries, Instruction manual, String bag
- **Manufacturer:** Rossmax
- **Country of Origin:** China

7. Warranty and Support

7.1 Warranty Information

The Rossmax S150 Blood Pressure Monitor typically comes with a standard manufacturer's warranty, often 1 year from the date of purchase, covering defects in materials and workmanship. Please refer to the warranty card included in your product packaging for specific terms and conditions, or visit the official Rossmax website for detailed warranty policy.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Rossmax customer support. You can usually find contact information (phone number, email, or website) in the product packaging or on the official Rossmax website. When contacting support, please have your product model (RXS150) and purchase details ready.

Related Documents - RXS150

	[Rossmax AC1000f Blood Pressure Monitor User Manual](#) This comprehensive user manual provides detailed instructions for operating the Rossmax AC1000f Blood Pressure Monitor. It covers setup, measurement procedures, advanced features like pulse arrhythmia detection, error codes, troubleshooting, and technical specifications for accurate home health monitoring.
	[Rossmax CF155f Blood Pressure Monitor User Manual](#) Official user manual for the Rossmax CF155f digital blood pressure monitor. Provides detailed instructions on setup, operation, measurement procedures, troubleshooting, and technical specifications for accurate home health monitoring.
	[Rossmax Z1 Automatic Blood Pressure Monitor User Manual](#) This document provides instructions for using the Rossmax Z1 Automatic Blood Pressure Monitor, including setup, operation, troubleshooting, and technical specifications. It covers features like Real Fuzzy Technology, Cuff Wrap Detection, Movement Detection, Hypertension Risk Indication, and Irregular Heartbeat Detection.
	[Rossmax Z5 Automatic Bluetooth Blood Pressure Monitor - User Manual & Features](#) Comprehensive user manual for the Rossmax Z5 Automatic Bluetooth Blood Pressure Monitor, detailing features like PARR technology, AFib detection, Bluetooth connectivity, measurement procedures, troubleshooting, and specifications.
	[Rossmax HS200 Blood Glucose Monitoring System User Manual](#) Comprehensive guide to the Rossmax HS200 Blood Glucose Monitoring System, covering setup, testing, troubleshooting, specifications, and safety for accurate blood glucose management. Visit www.rossmax.com for more information.
	[Rossmax RA600 Infrared Ear Thermometer User Manual](#) Comprehensive user manual for the Rossmax RA600 Infrared Ear Thermometer, detailing its features, operation, and maintenance for accurate temperature readings.