

## Moretti DM592S

# Moretti DM592S Automatic Digital Backlit Blood Pressure Monitor User Manual

Model: DM592S

## 1. INTRODUCTION

The Moretti DM592S is an automatic digital blood pressure monitor designed for accurate and rapid measurement of systolic pressure, diastolic pressure, and pulse rate. It features an innovative design with a large 4.8-inch (6.9 × 10.2 cm) backlit LCD screen that simultaneously displays readings, date/time, and irregular heartbeat detection (IHD). This device is equipped with memory functions for two users, storing up to 60 measurements per user, and can calculate the average of the last three readings. An optional USB interface allows for PC connectivity.

## 2. SAFETY INFORMATION

Please read all instructions carefully before using this device. Improper use may result in inaccurate readings or device damage. This device is intended for adult use only. Consult your physician for interpretation of blood pressure readings. Self-diagnosis and treatment based on measurement results can be dangerous.

- Do not use this device on infants, children, or individuals who cannot express consent.
- Do not use this device for purposes other than measuring blood pressure.
- Keep the device and cuff away from water and moisture.
- Avoid strong electromagnetic fields and direct sunlight.
- Do not disassemble or attempt to repair the device.
- Store the device in a clean, dry place.

## 3. PRODUCT COMPONENTS

The Moretti DM592S package typically includes:

- Moretti DM592S Blood Pressure Monitor Unit
- Arm Cuff (22-36 cm circumference) with Velcro closure
- User Manual
- 4 x AA 1.5V Batteries (may be included or sold separately)
- Optional: AC Power Adapter (Code DR205), USB Cable, Software CD



This image displays the Moretti DM592S Automatic Digital Blood Pressure Monitor alongside its arm cuff. The monitor features a large LCD screen showing blood pressure readings (SYS 120, DIA 75 mmHg) and pulse rate (75 PUL/min). The cuff is labeled for the 'LEFT ARM' and indicates a size range of 22-36 cm (8.6-14.2 inch) with instructions for proper placement.

## 4. SETUP

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### 4.1 Battery Installation

1. Open the battery compartment cover on the back of the monitor.
2. Insert four (4) AA 1.5V batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.
4. Alternatively, connect the optional AC power adapter (DR205) to the monitor and a power outlet (AC 220/230V 50Hz - DC 6.0V, 600mA).

### 4.2 Cuff Connection

- Insert the air tube connector from the cuff firmly into the air jack on the side of the monitor.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Before Measurement

- Avoid eating, drinking alcohol, smoking, exercising, and bathing for 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 table so the cuff is at heart level.

## 5.2 Applying the Arm Cuff

1. Ensure the cuff is suitable for your arm circumference (22-36 cm).
2. Slide your left arm through the cuff loop. The air tube should run down the inside of your arm.
3. Position the cuff so the bottom edge is approximately 1-2 cm (0.4-0.8 inch) above your elbow joint.
4. Wrap the cuff snugly around your upper arm, securing it with the Velcro closure. Ensure it is not too tight or too loose.
5. The "Main Artery" mark on the cuff should be aligned with your brachial artery (inner side of your arm).

## 5.3 Taking a Measurement

1. Press the **START/STOP** button to turn on the monitor. The cuff will automatically inflate.
2. Remain still and silent during the measurement.
3. Once the measurement is complete, the monitor will display your systolic pressure, diastolic pressure, and pulse rate.
4. Press the **START/STOP** button again to turn off the monitor, or it will automatically shut off after a period of inactivity.

## 6. MEMORY FUNCTIONS

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The DM592S features memory storage for two users (User 1 and User 2), with 60 memories per user, totaling 120 memories. It also calculates the average of the last three measurements.

### 6.1 Selecting a User

The monitor has dedicated buttons for User 1 and User 2 (indicated by padlock icons). Press the respective user button to select the desired user profile before taking a measurement or reviewing memory.

### 6.2 Reviewing Stored Measurements

- With the monitor off, press the **MEM** button.
- The monitor will display the average of the last three measurements for the currently selected user.
- Press the **MEM** button repeatedly to scroll through individual stored measurements, from most recent to oldest.

## 7. PC INTERFACE (OPTIONAL)

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The Moretti DM592S offers the possibility to interface with a PC via a USB port. This functionality requires an optional software CD and USB cable. Please refer to the instructions provided with the optional software for detailed connection and data transfer procedures.

## 8. MAINTENANCE AND CARE

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- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. If necessary, use a slightly damp cloth with mild soap, then wipe dry. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device and cuff in a clean, dry place, away from direct sunlight, extreme temperatures, and dust.
- **Batteries:** Remove batteries if the device will not be used for an extended period to prevent leakage.

## 9. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not turn on.	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity. Check AC adapter connection if using.
Inaccurate readings.	Improper cuff placement, movement during measurement, or speaking.	Ensure cuff is correctly applied and positioned. Remain still and silent during measurement. Rest for 5 minutes before measuring.
Cuff does not inflate or inflates too little/much.	Air tube disconnected or kinked. Cuff not properly secured.	Check that the air tube is securely connected to the monitor. Re-apply the cuff snugly.

Problem	Possible Cause	Solution
Error message on display.	Various internal errors or measurement issues.	Turn off the device, wait a few minutes, and try again. If the error persists, contact customer support.

## 10. SPECIFICATIONS

Model:	DM592S
Measurement Method:	Oscillometric
Display:	4.8-inch (6.9 × 10.2 cm) Backlit LCD
Pressure Measurement Range:	0-300 mmHg
Pulse Measurement Range:	30-180 beats/min
Pressure Accuracy:	+/- 3 mmHg
Pulse Accuracy:	+/- 5%
Cuff Circumference:	22-36 cm
Memory:	2 users, 60 memories/user (total 120)
Power Supply:	4 x AA 1.5V batteries or optional AC adapter (DR205: AC 220/230V 50Hz - DC 6.0V, 600mA)
Dimensions (L x W x H):	16.4 x 11 x 6 cm
Weight (without batteries):	430 g

## 11. WARRANTY AND SUPPORT


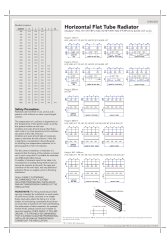

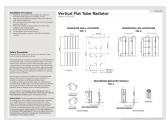
Specific warranty details are not provided in this manual. Please refer to the warranty card included with your product or contact your point of purchase for warranty information. For technical support, service, or inquiries regarding your Moretti DM592S Blood Pressure Monitor, please contact the manufacturer or authorized distributor.  
Manufacturer: Moretti Spa



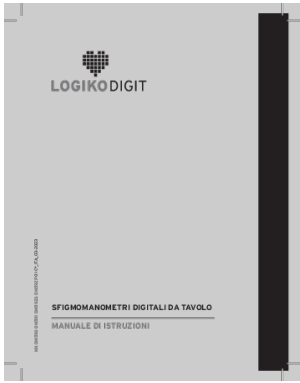
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### Related Documents - DM592S

	<p><a href="#">Moretti Vertical Flat Tube Radiator Installation and Warranty Guide</a></p> <p>Comprehensive guide for installing Moretti Vertical Flat Tube Radiators (Models V10 &amp; V20), including safety precautions, installation procedures, and product warranty information.</p>
	<p><a href="#">Manuale Istruzioni TENS KYARA LTM710 LTM711 - Moretti</a></p> <p>Manuale di istruzioni completo per i dispositivi TENS KYARA LTM710 e LTM711 di Moretti S.p.A. Include spiegazioni sul dolore, funzionamento della TENS, guida all'uso, parametri di controllo, manutenzione, sicurezza e garanzia.</p>

	<p><a href="#">Manuale di Istruzioni Scooter Elettrici Moretti Modelli "Royale"</a></p> <p>Questo manuale fornisce istruzioni dettagliate per l'uso sicuro e corretto degli scooter elettrici Moretti modelli "Royale" e "Royale 4S", inclusi componenti, funzionamento, manutenzione e risoluzione dei problemi.</p>
	<p><a href="#">Moretti Horizontal Flat Tube Radiator Installation, Specifications, and Warranty</a></p> <p>Detailed guide for Moretti Horizontal Flat Tube Radiators, including installation procedures, safety precautions, technical specifications, dimensions, bracket locations, and product warranty information.</p>
	<p><a href="#">Moretti 11 Fin Oil Column Heater Electrical Safety Recall</a></p> <p>Safety recall notice for Moretti 11 Fin Oil Column Heater (Model MC35B2) due to a hazard of oil spray causing scalding and burns. Provides identification details, affected batches, action required, and contact information.</p>
	<p><a href="#">Moretti Vertical Flat Tube Radiator Installation and Warranty Guide</a></p> <p>Comprehensive guide for installing Moretti Vertical Flat Tube Radiators (Models V10 &amp; V20), including safety precautions, installation procedures, and product warranty information.</p>

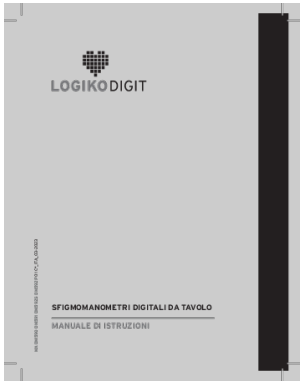
Documents - Moretti – DM592S



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