

[Manuals.plus](#) /

› [Yanmis](#) /

› Yanmis SW-572 Digital Temperature and Humidity Meter User Manual

Yanmis SW-572

Yanmis SW-572 Digital Temperature and Humidity Meter User Manual

1. INTRODUCTION

Thank you for choosing the Yanmis SW-572 Digital Temperature and Humidity Meter. This handheld device is designed for accurate and reliable measurement of both temperature and relative humidity. Featuring a clear LCD display, data storage capabilities, and alarm functions, it is an essential tool for monitoring environmental conditions in various settings. Please read this manual thoroughly before operating the device to ensure proper use and optimal performance.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Dual Functionality:** Combines temperature and humidity measurement in one device.
- **Intuitive Display:** Large LCD backlight screen for clear data readability.
- **High Sensitivity Sensor:** Ensures quick and accurate measurements with a 0.5-second sampling rate.
- **Data Storage:** Capable of storing up to 100 data sets for convenient review and analysis.
- **Data Hold:** Function to freeze current readings on the display.
- **Max/Min Value:** Displays maximum and minimum recorded temperature and humidity values.
- **Alarm Function:** Alerts users to abnormal temperature or humidity levels.
- **Automatic Shutdown:** Power-saving feature to extend battery life.

2.2 Device Components

The image below illustrates the main components of the Yanmis SW-572 meter, including the display, control buttons, and sensor probe.



Figure 1: Front view of the Yanmis SW-572 Digital Temperature and Humidity Meter. The device features a large LCD screen at the top, displaying temperature in Celsius and humidity in percentage. Below the screen are several control buttons: 'C/F' for unit switching, 'HOLD' for data hold, 'TEMP MAX/MIN' for temperature maximum/minimum, 'RH MAX/MIN' for humidity maximum/minimum, 'REC' for recording data, 'SET' for settings, a backlight button, and an 'ESC' button with a power symbol.

3. TECHNICAL SPECIFICATIONS

Detailed specifications for the Yanmis SW-572 Digital Temperature and Humidity Meter are provided below:

Parameter	Value
Model	SW-572
Temperature Measurement Range	-20.0 °C ~ 60.0 °C (-4 °F ~ 140 °F)
Temperature Accuracy	±0.3°C (±0.5°F)

Parameter	Value
Temperature Resolution	0.1 °C (0.1 °F)
Humidity Measurement Range	0% RH ~ 100% RH
Humidity Accuracy	±3% RH
Humidity Resolution	0.1% RH
Temperature Response Time	> 2s (depending on heat exchange type)
Humidity Response Time	8s (humidity reached 63%, 25 °C, 1 m/s)
Sample Rate	0.5 seconds
Data Storage Capacity	100 records
Backlight Auto-off	10 minutes
Automatic/Manual Shutdown	30 minutes (automatic)
Power Source	3 x 1.5V AAA batteries (not included)
Working Environment	-20.0 °C ~ 60.0 °C, 0% ~ 100% RH
Storage Environment	-10.0 °C ~ 60.0 °C, 20% ~ 70% RH
Product Dimensions	3.94 x 3.94 x 3.94 inches
Weight	10.09 ounces
Material	Plastic

4. GETTING STARTED

4.1 Battery Installation

The Yanmis SW-572 requires three (3) 1.5V AAA batteries for operation. Batteries are not included with the device.

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover downwards or lift it to open the compartment.
3. Insert three AAA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover, ensuring it clicks securely into place.



Figure 2: Rear view of the device with the battery cover removed, revealing the battery slots. Observe the correct orientation for inserting AAA batteries.

Note: If the device will not be used for an extended period, remove the batteries to prevent leakage and damage.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on the device, press the red **ESC** button (which also serves as the power button).
- To power off the device manually, press and hold the red **ESC** button for a few seconds.
- The device will automatically shut down after approximately 30 minutes of inactivity to conserve battery life.

5.2 Temperature and Humidity Measurement

Upon powering on, the device will immediately begin measuring and displaying the current temperature and relative humidity on the LCD screen. Ensure the sensor probe at the top of the device is exposed to the environment you wish to measure.

5.3 Switching Temperature Units (°C/°F)

- Press the **C/F** button to toggle between Celsius (°C) and Fahrenheit (°F) temperature units.

5.4 Data Hold Function

- Press the **HOLD** button to freeze the current readings on the display. The 'HOLD' indicator will appear on the screen.
- Press the **HOLD** button again to release the data hold and resume live measurements.

5.5 Maximum/Minimum Value Display

- Press the **TEMP MAX/MIN** button to cycle through the current, maximum, and minimum temperature readings.
- Press the **RH MAX/MIN** button to cycle through the current, maximum, and minimum relative humidity readings.

5.6 Data Storage (REC)

The device can store up to 100 sets of measurement data.

- To record current data, press the **REC** button. The display will indicate that data has been saved.
- To view stored data, press and hold the **REC** button. Use the **TEMP MAX/MIN** and **RH MAX/MIN** buttons to navigate through the stored records.
- Press **ESC** to exit data review mode.

5.7 Backlight Control

- Press the **SET** button (with the sun symbol) to turn the LCD backlight on or off.
- The backlight will automatically turn off after approximately 10 minutes of inactivity to conserve battery power.

5.8 Alarm Function

The device supports setting maximum and minimum alarms for both temperature and humidity.

1. Press the **SET** button to enter the alarm setting mode.
2. Use the **TEMP MAX/MIN** and **RH MAX/MIN** buttons to select the parameter (temperature or humidity) and the alarm type (maximum or minimum).
3. Use the **C/F** and **HOLD** buttons (or similar navigation buttons, refer to on-screen prompts) to adjust the alarm threshold values.
4. Press **SET** again to confirm and save the settings, or **ESC** to exit without saving.
5. When the measured value exceeds or falls below the set alarm threshold, the device will emit an audible alert and/or display a visual indicator.

6. CARE AND MAINTENANCE

- **Cleaning:** Wipe the device clean with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts, as this may damage the internal components and sensors.

7. TROUBLESHOOTING

If you encounter issues with your Yanmis SW-572 meter, please refer to the following common troubleshooting steps:

- **Device does not power on:**

- Check if the batteries are inserted correctly with the right polarity.
- Replace old or depleted batteries with new 1.5V AAA batteries.

- **Inaccurate readings:**

- Ensure the sensor probe is clean and free from dust or obstructions.
- Allow the device to stabilize in the measurement environment for a few minutes.
- Avoid measuring in areas with extreme air currents or rapid temperature changes.

- **Display is dim or flickering:**

- This usually indicates low battery power. Replace the batteries.

- **Buttons are unresponsive:**

- Try removing and reinserting the batteries to reset the device.

If the problem persists after attempting these steps, please contact customer support for further assistance.

8. WARRANTY AND CUSTOMER SUPPORT

Yanmis products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your purchase or contact your retailer. You may also visit the official Yanmis website for the most up-to-date support information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B07WYC7M7D>

More documents and user manuals: <https://manuals.plus/>