

## KESHIDE 602

# KESHIDE Mini Digital Hygrometer Thermometer Gauge Model 602 User Manual

For accurate indoor and outdoor humidity and temperature monitoring.

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## 1. INTRODUCTION

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Thank you for choosing the KESHIDE Mini Digital Hygrometer Thermometer Gauge Model 602. This device is designed to provide accurate and timely readings of temperature and humidity in various environments. Its compact size and clear display make it suitable for a wide range of applications, including homes, offices, schools, laboratories, greenhouses, reptile terrariums, and humidors. Please read this manual carefully to ensure proper use and optimal performance of your device.



Image 1.1: Front view of the KESHIDE Mini Digital Hygrometer Thermometer Gauge, displaying temperature, humidity, and comfort levels.

## 2. PRODUCT FEATURES

- **Fast Response:** Equipped with a sensitive sensor and 25 vents, providing updated and accurate readings every 10 seconds.
- **Wide Measuring Range:** Measures temperature from -4°F to +158°F (-20°C to 70°C) and humidity from 10% to 99% RH.
- **High Accuracy:** Temperature measurement accuracy of  $\pm 1^\circ\text{F}$  ( $\pm 0.56^\circ\text{C}$ ) and humidity measurement accuracy of  $\pm 5\%$  RH.
- **Air Comfort Indicator:** Displays DRY, COMFORT, or WET icons to quickly indicate current air conditions.
- **High & Low Records:** Tracks and displays the highest and lowest temperature and humidity readings over a 24-hour period.
- **Smart Design:** Features a tabletop stand for convenient placement and a °F/°C selector for unit preference.
- **Battery Powered:** Operates on 2 x AAA batteries (not provided).

### 3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- 1 x KESHIDE Mini Digital Hygrometer Thermometer Gauge (Model 602)
- 1 x User Manual (this document)

### 4. PRODUCT DIAGRAM

Familiarize yourself with the components of your hygrometer thermometer using the diagram below:



Image 4.1: Detailed product diagram illustrating the display, control buttons, battery compartment, stand, and hanging hole.

1. **Temperature Display:** Shows current temperature.
2. **Humidity Display:** Shows current humidity percentage.
3. **Comfort Indicator:** Icons for DRY, COMFORT, WET conditions.
4. **24H Button:** Displays 24-hour high/low records.
5. **CLR Button:** Clears 24-hour high/low records.
6. **°C/°F Button:** Switches between Celsius and Fahrenheit.

7. **ALL Button:** Displays all-time high/low records (resets upon battery removal).
8. **Battery Compartment:** Holds 2 x AAA batteries.
9. **Stand:** Fold-out stand for tabletop placement.
10. **Hanging Hole:** For wall mounting.
11. **Inductor Ports (Vents):** Allows air circulation for sensor readings.

## 5. SETUP

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### 5.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Slide open the battery compartment cover.
3. Insert two (2) AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely. The device will power on automatically and display current readings.

### 5.2 Placement

The device offers two placement options:

- **Tabletop:** Extend the integrated stand on the back of the device to place it on any flat surface, such as a desk, shelf, or counter.
- **Wall Mount:** Use the hanging hole on the back of the device to mount it on a wall using a suitable screw (not included).



Image 5.1: Back view of the device, illustrating the stand and battery compartment.

## 6. OPERATION

### 6.1 Power On/Off

The device powers on automatically once batteries are installed. There is no manual power off button; to turn off the device, remove the batteries.

### 6.2 Switching Temperature Units (°F/°C)

Press the °C/°F button located on the right side of the device to toggle between Celsius and Fahrenheit temperature displays.

### 6.3 Air Comfort Indicator

The display features a visual comfort indicator with three levels:

- **DRY:** Humidity display is less than 30%.
- **COMFORT:** Humidity display is between 30% and 60%.
- **WET:** Humidity display is greater than 60%.

# Air Comfort Level Indicator perfect for the family to stay comfortable



Image 6.1: The Air Comfort Level Indicator, showing DRY, COMFORT, and WET ranges.

## 6.4 High and Low Records

- **24-Hour Records:** Press the **24H** button to view the highest and lowest temperature and humidity recorded within the last 24 hours. Press again to return to current readings.
- **Clearing 24-Hour Records:** While viewing the 24-hour records, press the **CLR** button to reset these values.
- **All-Time Records:** Press the **ALL** button to view the highest and lowest temperature and humidity recorded since the last battery installation or manual reset. These records are cleared when batteries are removed.

## 7. SPECIFICATIONS

Specification	Value
Model Number	602
Temperature Measuring Range	-4°F ~ +158°F (-20°C to 70°C)
Humidity Measuring Range	10% to 99% RH

Specification	Value
Temperature Accuracy	±1°F (±0.56°C)
Humidity Accuracy	±5% RH
Sampling Period	10 seconds
Power Source	2 x AAA batteries (not provided)
Dimensions	4.65 x 4.17 x 1.3 inches (approx.)
Weight	5.29 ounces (approx.)

## 8. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery Replacement:** Replace batteries when the display becomes dim or the device stops functioning. Always use fresh AAA batteries.
- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage and damage. Store in a cool, dry place.
- **Environmental Considerations:** Avoid placing the device in direct sunlight, near heat sources, or in areas with extreme temperature fluctuations, as this can affect accuracy.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display.	Batteries are dead or incorrectly installed.	Replace with new AAA batteries, ensuring correct polarity.
Inaccurate readings.	Device placed in an unsuitable environment (e.g., direct sunlight, near a vent, high humidity area).	Relocate the device to a stable environment away from direct heat, cold, or moisture sources. Allow 15-30 minutes for readings to stabilize.
Buttons are unresponsive.	Temporary software glitch or low battery.	Remove and reinsert batteries to reset the device. If the issue persists, replace batteries.

## 10. WARRANTY AND SUPPORT

KESHIDE is committed to providing quality products and customer satisfaction. If you encounter any issues with your Mini Digital Hygrometer Thermometer Gauge or require assistance, please contact KESHIDE customer support through the platform where you purchased the product. Our team is available to address your concerns and provide support even after the standard return window.

