

[Manuals.plus](#) /

› [Wixey](#) /

› Wixey WR25 Mini 3" Digital Height Gauge User Manual

## Wixey WR25

# Wixey WR25 Mini 3" Digital Height Gauge User Manual

Model: WR25

Brand: Wixey

## INTRODUCTION

The Wixey WR25 Mini 3" Digital Height Gauge is a precision instrument designed for accurate measurements in woodworking applications. It provides digital readouts in inches (with fractions) or millimeters, making it versatile for various tasks such as setting router bit heights, saw blade heights, and measuring dado depths. Its magnetic feet allow for stable, self-standing operation on ferrous surfaces, and the locking rule ensures consistent, repeatable measurements. This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Wixey WR25 Digital Height Gauge to ensure optimal performance and longevity.

## SETUP

### 1. Battery Installation

The Wixey WR25 Digital Height Gauge requires one CR2032 wafer battery, which is included with the unit. To install or replace the battery:

1. Locate the battery compartment cover on the back of the digital readout unit.
2. Use a small screwdriver or coin to open the battery compartment.
3. Insert the CR2032 battery with the positive (+) side facing up.
4. Replace the battery compartment cover securely.

### 2. Initial Placement and Stability

The gauge features magnetic feet for stability. For best results, place the gauge on a flat, ferrous surface such as a cast iron router table or table saw top. The magnets will help hold the gauge in place, allowing for hands-free operation when setting cutter depths.



Figure 1: The Wixey WR25 Digital Height Gauge with its magnetic feet for stable placement.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Press the **ON/OFF** button (red) to turn the unit on or off. The digital display will illuminate when powered on.

### 2. Unit Selection (Inches/Millimeters/Fractions)

Press the **mm/inch/fraction** button (green) to cycle through the measurement units: millimeters (mm), decimal inches (in), and fractional inches (in with fractions). Select the desired unit for your measurement.

### 3. Absolute (ABS) and Incremental (INC) Modes

The gauge supports two measurement modes:

- **ABS (Absolute) Mode:** This mode measures from a preset zero point, typically the surface the gauge is resting on. This is useful for measuring the total height from a reference surface.
- **INC (Incremental) Mode:** This mode allows you to set a temporary zero point at any position. Press the **INC/ABS** button (blue) to zero the display at the current position. This is useful for measuring the difference between two points or setting a specific depth relative to a previous cut.

Press the **INC/ABS** button to toggle between these two modes.

#### 4. Measuring Height

To measure height, extend the measuring rule until it contacts the surface or object you wish to measure. The digital display will show the precise measurement. The steel rule also features dual metric and imperial scales for visual reference.



Figure 2: Measuring the height of a table saw blade using the Wixey WR25.

#### 5. Measuring Router Bit Height

Place the gauge on your router table. Extend the measuring rule until it touches the highest point of the router bit. Use the

digital readout to set the precise cutting depth. The magnetic feet provide stability during this process.



Figure 3: Setting router bit height with the Wixey WR25 on a router table.

## 6. Measuring Depth (with Stylus)

The gauge includes a stylus for measuring depths of holes or dados. Insert the stylus into the designated slot on the side of the gauge. Place the gauge over the opening and extend the stylus until it reaches the bottom. The display will show the depth measurement.



Figure 4: Using the stylus to measure the depth of a dado.

## 7. Locking Rule

A locking screw is provided to secure the measuring rule at a specific position. This feature is useful for maintaining a set measurement or for ensuring repeatability when making multiple identical adjustments.

## MAINTENANCE

### 1. Cleaning

To maintain accuracy and prolong the life of your digital height gauge, keep it clean. Wipe the unit with a soft, dry cloth after each use. Avoid using abrasive cleaners or solvents, as these can damage the display or plastic components.

### 2. Battery Replacement

When the display becomes dim or erratic, it is time to replace the CR2032 battery. Follow the battery installation steps outlined in the "Setup" section. Dispose of old batteries responsibly according to local regulations.

### 3. Storage

Store the height gauge in a clean, dry environment away from extreme temperatures and direct sunlight. It is recommended to store it in its original packaging or a protective case to prevent damage to the measuring rule or digital display.

### TROUBLESHOOTING

- Display Not Working:**  
Ensure the unit is powered on. Check the battery. If the display is dim or blank, replace the CR2032 battery. Ensure the battery is inserted with the correct polarity (+ side up).
- Inaccurate Readings:**  
Ensure the measuring surfaces are clean and free of dust or debris. Calibrate the gauge by pressing the INC/ABS button to zero the display on a known flat surface. Verify that the rule slides smoothly without obstruction. If issues persist, contact customer support.
- Rule Not Sliding Smoothly:**  
Check for any debris or foreign objects obstructing the rule's movement. Ensure the locking screw is not tightened. Clean the rule and its channel with a soft, dry cloth.

### SPECIFICATIONS

|                      |                                              |
|----------------------|----------------------------------------------|
| Model Number         | WR25                                         |
| Measurement Range    | 0 - 3.2 inches (0 - 83 mm)                   |
| Measurement Units    | Inches (decimal and fractional), Millimeters |
| Accuracy             | Within a thousandth of an inch               |
| Power Source         | 1 x CR2032 Lithium Metal Battery (included)  |
| Average Battery Life | Approximately 4000 hours                     |
| Material             | Plastic                                      |
| Product Dimensions   | 5.5"L x 4.38"W                               |
| Item Weight          | 5 ounces                                     |
| Country of Origin    | China                                        |

### WARRANTY INFORMATION

The Wixey WR25 Mini 3" Digital Height Gauge comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accidents, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

### CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your Wixey WR25 Digital Height Gauge, please contact Wixey customer support. Refer to the product packaging or the official Wixey website for the most current contact information.

You can also visit the [Wixey Store on Amazon](#) for additional product information and resources.

**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