

# **DIGIMATIC ELECTRONIC OUTSIDE MICROMETER - MITUTOYO 0-1" DIGITAL ELECTRONIC OUTSIDE MICROMETER W/FRICTION THIMBLE**

[Gunsmith Tools](#) > [Measuring Tools](#) > [Micrometers](#)

## **Electronic; Direct Reading To 50 Millionths; Programmable**

DIGIMATIC ELECTRONIC OUTSIDE MICROMETER The Mitutoyo Digimatic Electronic Outside Micrometer is a precision instrument engineered for accurate measurements in various applications. Featuring a digital display, it provides clear readings and ensures consistent measurement results. The micrometer is designed for ease of use, with a ratchet stop mechanism to apply uniform pressure, enhancing measurement reliability. Key Features: Digital Display: Offers clear and easy-to-read measurements, reducing the likelihood of reading errors. Ratchet Stop Mechanism: Ensures consistent force during measurement, improving accuracy and repeatability. Durable Construction: Built to withstand regular use in various environments, providing long-term reliability. Specifications: Measurement Range: 0-1 inch (0-25.4 mm) Resolution: 0.00005 inch (0.001 mm) Accuracy:  $\pm 0.00005$  inch ( $\pm 0.001$  mm) Display: Digital LCD Power Supply: SR44 battery Battery Life: Approximately 1.2 years under normal use Data Output: SPC data output capability Protection Level: IP65-rated for dust and water resistance Customer Insights: Users commend the Mitutoyo Digimatic Electronic Outside Micrometer for its precision and ease of use. The digital display is highlighted for providing clear readings, and the ratchet stop mechanism is appreciated for ensuring consistent measurement pressure. The micrometer's durable construction and IP65 rating make it suitable for various working environments, adding to its reliability. Incorporating the Mitutoyo Digimatic Electronic Outside Micrometer into your toolkit ensures precise and efficient measurements, supporting high-quality workmanship across various applications.



## **Attributes**

- Name: [MITUTOYO 0-1" DIGITAL ELECTRONIC OUTSIDE MICROMETER W/FRICTION THIMBLE](#)
- Manufacturer: [MITUTOYO](#)
- Product no.: 606293705
- Mfr. No.: 293-348-32
- Accuracy: 0.00005"
- Colour: Silver
- Finish: Satin Chrome
- Height: 1.2"
- Length: 6.3"
- Material: Carbide
- Measuring Range: 0-1"
- Model Number: 0-1"
- Resolution: 0.001mm
- Weight: 0.06 lbs
- Width: 2.8"
- Delivery weight: 0.476kg
- Shipping height: 38mm
- Shipping width: 107mm

- Shipping length: 201mm
- UPC: 494636807010

# Table of Contents

- Startpage
- Safety Instructions for the Mitutoyo Digimatic Electronic Outside Micrometer
- About Us

# Safety Instructions for the Mitutoyo Digimatic Electronic Outside Micrometer

## Introduction

Thank you for choosing the Mitutoyo Digimatic Electronic Outside Micrometer. This precision instrument is designed for accurate measurements in various applications. To ensure safe and effective use, please read and follow these safety instructions carefully.

## General Safety Guidelines

- Ensure that the micrometer is used only for its intended purpose.
- Always handle the micrometer with care to avoid damage.
- Keep the micrometer clean and free from dust and moisture to maintain accuracy.
- Store the micrometer in its protective case when not in use.
- Regularly check for wear and tear; replace or repair any damaged parts.
- Be aware of your surroundings to avoid accidents during measurement.

## Specific Safety Precautions for Use

- **Measurement Surface:** Always measure on a clean, flat surface to ensure accuracy.
- **Force Application:** Use the ratchet stop mechanism to apply consistent pressure when taking measurements.
- **Digital Display:** Ensure the digital display is functioning correctly before use. If it is not displaying correctly, do not use the micrometer until it has been checked.
- **Battery Safety:** Replace the SR44 battery as needed. Dispose of batteries according to local regulations.
- **Dust and Water Resistance:** The micrometer is IP65 rated; however, avoid prolonged exposure to water and dust to ensure longevity.

## Instructions for Installation and Usage

### 1. Battery Installation:

- Open the battery compartment located on the back of the micrometer.
- Insert the SR44 battery with the correct polarity (+/-) as indicated.
- Close the battery compartment securely.

### 2. Taking Measurements:

- Ensure the micrometer is clean before use.
- Position the object to be measured between the measuring faces of the micrometer.
- Rotate the thimble until the measuring faces make contact with the object.
- Use the ratchet stop mechanism to apply consistent pressure.
- Read the measurement from the digital display.

### 3. Calibration Check:

- Before first use and periodically thereafter, check the calibration using a standard gauge.
- If the micrometer is out of calibration, do not use it until it has been recalibrated.

### 4. Storage:

- After use, clean the micrometer with a soft cloth.

- Store the micrometer in its protective case to prevent damage.

## Disposal Instructions

- Dispose of the micrometer according to local regulations regarding electronic waste.
- Remove the battery and dispose of it in accordance with local battery disposal regulations.

## Contact Information for Further Support

For any inquiries related to safety, product usage, or support, please refer to the contact information provided in the product documentation or visit the manufacturer's website.

## Conclusion

By following these safety instructions, you can ensure the safe and effective use of the Mitutoyo Digimatic Electronic Outside Micrometer. Your safety is our priority, and we appreciate your attention to these guidelines. For further information, please consult the relevant authorities or safety resources.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)