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› Digital Inside Caliper inch/Metric/Friction 0.5-6", iGAGING 35-ID6 User Manual

## iGaging 35-ID6

# iGaging 35-ID6 Digital Inside Caliper User Manual

A comprehensive guide for the iGaging 35-ID6 Digital Inside Caliper, providing instructions for setup, operation, maintenance, and troubleshooting.

## 1. PRODUCT OVERVIEW

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The iGaging 35-ID6 Digital Inside Caliper is a professional-grade precision tool designed for making quick and accurate internal measurements. Its robust construction with metal alloy jaws and chrome finish ensures durability and reliable performance. The large LCD display provides clear readings, and the ability to switch between inch, metric, and fractional measurements, along with a convenient Hold function, makes it highly versatile for various applications such as woodworking, carpentry, and metal fabrication.



Figure 1: The iGaging 35-ID6 Digital Inside Caliper with its large LCD display showing various measurement units.

## 2. GETTING STARTED

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### 2.1. Unpacking

Upon opening the package, ensure all components are present. The box should contain the following items:

- Digital Inside Caliper
- CR2032 Battery (one installed, one extra)
- Instruction Manual
- Protective Case

### 2.2. Battery Installation

The caliper comes with a CR2032 battery. If the display does not turn on, or if the battery needs replacement:

1. Locate the battery compartment cover on the back of the digital display unit.

2. Use a small coin or screwdriver to gently twist and open the cover.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Replace the battery compartment cover and twist to secure it.

### 2.3. Initial Zeroing

Before taking measurements, it is crucial to zero the caliper for accuracy:

1. Ensure the caliper jaws are fully closed and clean.
2. Press the **ON/SET** button to turn on the device.
3. With the jaws closed, press the **ON/SET** button again to set the display to zero. The display should read "0.00" or "0".

## 3. OPERATION GUIDE

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### 3.1. Taking Inside Measurements

To measure an internal dimension:

1. Open the caliper jaws wider than the dimension you wish to measure.
2. Insert the caliper jaws into the opening.
3. Slowly close the jaws until the tips make firm contact with the internal surfaces.
4. Read the measurement directly from the large LCD display.



Figure 2: Proper technique for holding and using the digital inside caliper for measurement.



Figure 3: Detailed view of the caliper's digital display and control buttons.

### 3.2. Unit Conversion

The caliper supports measurements in inches, millimeters, and fractions. To switch between units, press the **mm/in/F** button. The display will cycle through the available units.

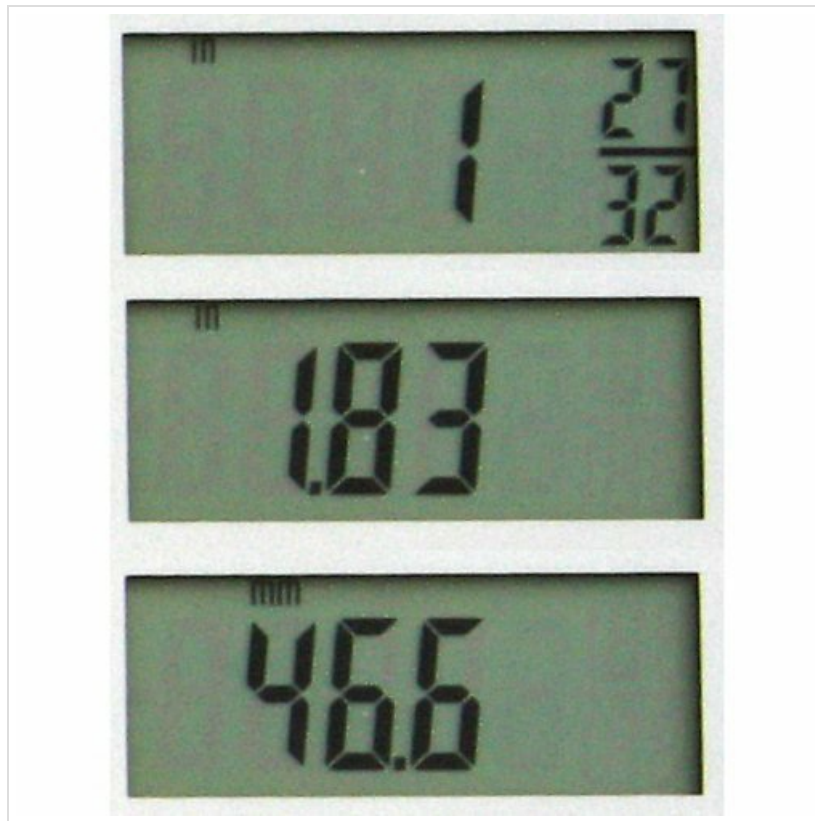


Figure 4: The caliper's display showing measurements in different units: fractional inches, decimal inches, and millimeters.

### 3.3. Hold Function

To retain a measurement on the display, press the **HOLD** button. This is useful when measuring in hard-to-reach areas where immediate reading is difficult. Press the **HOLD** button again to release the held value and resume live measurement.

## 4. CARE AND MAINTENANCE

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Proper care and maintenance will extend the life and accuracy of your digital caliper:

- **Cleaning:** Wipe the caliper clean with a dry, soft cloth after each use. Avoid using solvents or harsh chemicals, which can damage the electronic components or finish.
- **Storage:** Store the caliper in its protective case in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace the CR2032 battery when the display becomes dim or shows a low battery indicator. Always dispose of used batteries responsibly.
- **Avoid Impact:** Do not drop the caliper or subject it to strong impacts, as this can affect its accuracy and functionality.

## 5. TROUBLESHOOTING COMMON ISSUES

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Problem	Possible Cause	Solution
Display is blank or dim	Low or dead battery	Replace the CR2032 battery.
Inaccurate readings	Caliper not zeroed; dirt/debris on jaws; damaged jaws	Ensure jaws are clean and zero the caliper. Inspect jaws for damage.

Problem	Possible Cause	Solution
Buttons unresponsive	Low battery; internal electronic issue	Replace battery. If issue persists, contact customer support.

## 6. TECHNICAL SPECIFICATIONS

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Specification	Detail
Model Number	35-ID6
Measurement Range	0.5-6 inches (12.7-150mm)
Accuracy	0.01 inches
Material	Aluminum, Plastic
Product Dimensions	6.15"L x 3"W x 0.1"H
Power Source	CR2032 Battery
Manufacturer	iGaging
Country of Origin	China

## 7. WARRANTY AND CUSTOMER SUPPORT

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iGaging stands behind the quality of its products. For specific warranty information, please refer to the documentation included with your purchase or visit the official iGaging website. For any questions, technical assistance, or support, live customer service is available from San Clemente, California.

For further assistance, please contact iGaging customer support directly.