

Designed to provide accurate measurements in both inches and millimeters. Built with a hardened stainless steel head and body for durability, it offers the ability to measure outside, inside, depth and step dimensions. Featuring a user-friendly functions such as a zero adjustment button and a lock screw to hold the slide in position.

### Features

- Measure outside dimension, inside dimension, depth and step measurements
- Easy-to-read 5-digit LCD display
- User selectable unit of measure (in./mm)
- Zero adjustment button
- Lock screw to hold slide in position
- Hardened stainless steel head and body
- Low battery indicator and auto shut off
- Includes hard carrying case and batteries

### Specifications

|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Measuring Range | 0 to 12" (0 to 300mm)                                    |
| Resolution      | 0.0005" (0.01mm)                                         |
| Accuracy        | 0 to 1.967" (0 to 50mm):<br>±0.0010" (0.02mm)            |
|                 | 1.967 to 7.874"<br>(50 to 200mm):<br>±0.0011" (0.03mm)   |
|                 | 7.874 to 11.811"<br>(200 to 300mm):<br>±0.0015" (0.04mm) |
|                 | 0.0005" (0.01mm)                                         |
| Repeatability   | 0.0005" (0.01mm)                                         |

### General Specifications

|                          |                           |
|--------------------------|---------------------------|
| Display                  | 5-digit LCD               |
| Unit of Measure          | Inch/Metric               |
| Zero Button              | Yes                       |
| Auto Shut-off            | Yes (5 mins)              |
| Low Battery Indicator    | Yes                       |
| Power Supply             | CR2032                    |
| Product Certifications   | CE, IP54                  |
| Operating Temperature    | 32 to 104°F (0 to 40°C)   |
| Storage Temperature      | 14 to 122°F (-10 to 50°C) |
| Operating Humidity Range | 0 to 85%                  |
| Dimensions               | 15.4 x 3.1 x 0.6"         |
|                          | (392 x 78 x 15 mm)        |
| Weight                   | 9.7oz (274g)              |



### Applications

- Accurately measure internal, external, and depth dimensions of objects in machining and manufacturing processes
- Measure metal parts, sheet thickness, and hole diameters to ensure proper fabrication and fit in mechanical assemblies
- Ensure accurate dimensions of wood pieces, joints, and materials for precise construction and assembly
- Verify 3D printed parts' dimensions against design specifications to ensure accuracy and functionality
- Ideal for DIY hobbyists and home workshops to measure a variety of materials for personal projects

| Model             | Description                         |
|-------------------|-------------------------------------|
| <b>R7412</b>      | Digital Caliper, 12" (300mm)        |
| <b>R7412-NIST</b> | Digital Caliper, 12" (300mm) & NIST |