

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): ±0.0010" (0.02mm)
	1.967 to 7.874" (50 to 200mm): ±0.0011" (0.03mm)
	7.874 to 11.811" (200 to 300mm): ±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 15mm)
Weight	9.7oz (274g)

TECHNICAL DATA



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
R7412	Digital Caliper, 12" (300mm)
R7412-NIST	Digital Caliper, 12" (300mm) & NIST