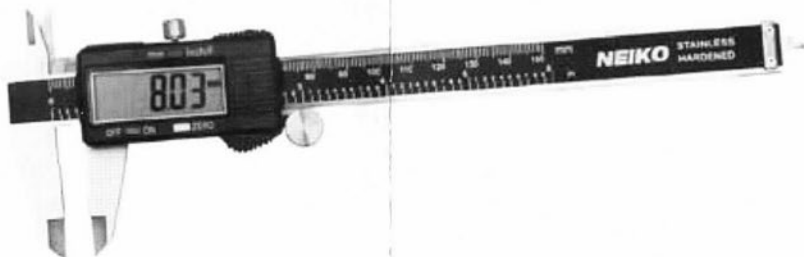




User Guide

Neiko Tools Digital Caliper – Fractional & Decimal Display



03.04.0487ECC



1 Introduction

Your digital caliper was constructed with quality materials and workmanship and will give you many years of trouble free use when cared for as described in the "Care & Maintenance" section.

Please read these instructions carefully and retain them for future use.

1.1 Controls



1. Jaws for taking external dimensions
2. ON/OFF button
3. Button to zero measurements at any point
4. Battery compartment [slide out to remove the battery cover]
5. Thumb roller to slide and stop for measurements
6. Button to toggle between millimeters (mm), inches (in) and inch-fractions(F)
7. Clamp screw to tighten the slider
8. Jaws for taking internal dimensions
9. Depth gauge for depth measurements

2 Care and Maintenance

- Keep the caliper away from liquids to prevent any liquid from entering the caliper's electronic components. Damaged calipers will malfunction and produce inaccurate measurements.

- Face should be cleaned with only clean, dry, and lint-free cloth.
- When needed, lubricate the body with a few drops of clock oil.
- Keep the battery compartment clean.

Warning: Do not use acetone or alcohol to clean the caliper.

3 Specifications

3.1 Resolution

Model	Measuring Range	Resolution
01407A	0 – 150mm; 0 – 6"	0.01mm; 0.0005"; 1/128"
01408A	0 – 200mm; 0 – 8"	0.01mm; 0.0005"; 1/128"
01409A	0 – 300mm; 0 – 12"	0.01mm; 0.0005"; 1/128"

3.2 Accuracy

Measuring Range	Accuracy
0 – 100mm; 0 – 4"	± 0.02mm; ± 0.001"
200 – 300mm; 8 – 12"	± 0.03mm; ± 0.0015"

3.3 Specifications

Repeatability	0.01mm or 0.0005" or 1/128"
Maximum Measuring Speed	60" per second
Battery Type	SR44 or LR44
Operating Temperature	0°C ~ 40°C; 32°F ~ 104°F
Storage Temperature	-20°C ~ 70°C; -4°F ~ 158°F

4 Troubleshooting

This section of the guide highlights frequently asked questions.

4.1 The LCD display keeps flashing

The LCD display flashes when the battery is low. Remove the battery compartment cover to replace the battery.

4.2 The LCD display has become dim and hard to read

The LCD display dims when the battery is low. Remove the battery compartment cover and replace the battery.

4.3 There is no display on the LCD screen

When there is no display on the LCD screen, the battery could be depleted or the battery compartment may require cleaning. Remove the battery compartment cover, clean the compartment as necessary, and replace the battery.

4.4 When I slide the caliper out from zero and then slide back to the origin, the reading does not return to zero

The digital caliper uses a sensor to record measurements when the slider is moving. The maximum measurement speed is 60" per second. The measurement becomes inaccurate when it exceeds that speed. We recommend using the thumb roller at a moderate speed to take measurements for optimal results.