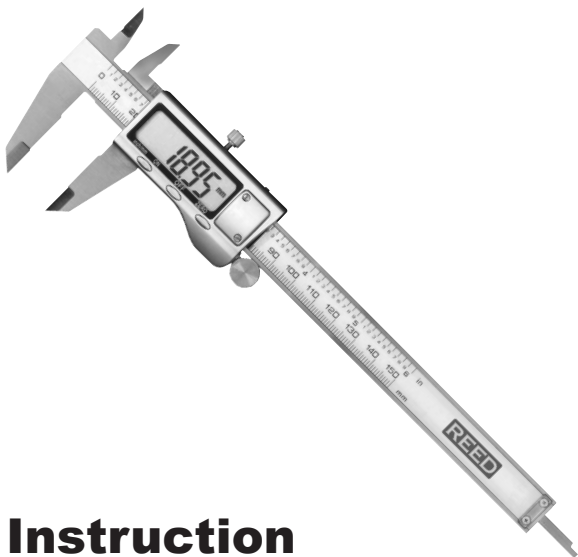


# REED

## Model R7400

### Digital Caliper



## Instruction Manual

**REED Instruments**

1-877-849-2127 | [info@reedinstruments.com](mailto:info@reedinstruments.com) | [www.reedinstruments.com](http://www.reedinstruments.com)

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# Safety

For your safety and care of this instrument, please read these instructions carefully prior to use.

# Features

- Large, easy-to-read 6-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

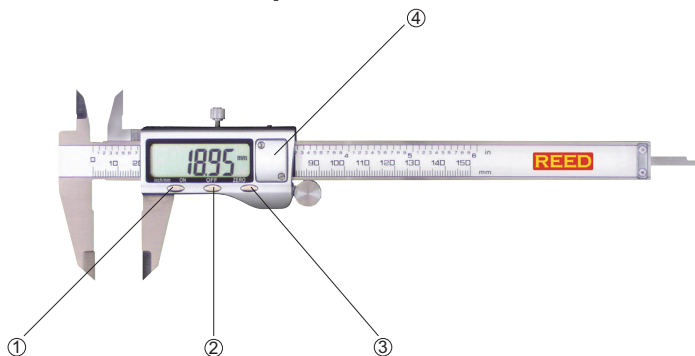
# Applications

- Fabricating
- QA departments
- General industrial use

# Specifications

Measuring Range:	0 to 6" (0 to 150mm)
Accuracy:	±0.001" (.03mm)
Resolution:	0.0005" (0.01mm)
Display:	6-digit LCD
Zero Button:	Yes
Auto Shut Off:	Yes
Low Battery Indicator:	Yes
Power Supply:	1.5V Battery (LR44)
Product Certifications:	CE
Operating Temperature:	32 to 104°F (0 to 40°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity Range:	0 to 80%
Dimensions:	9.3 x 3 x 0.6" (235 x 75 x 15 mm)
Weight:	5.6oz (160g)

# Instrument Description



1. ON/Metric/Inch Button
2. OFF Button
3. Zero Adjustment Button
4. Battery Compartment Cover

# Operating Instructions

Measurements of external dimensions



Measurements of internal dimensions



*continued ...*

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## Measurements of depth



## Differential method measurement (application of zero setting)



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# Troubleshooting

Problem	Solution
Every second, display digits jump simultaneously	Low battery. Remove cover and replace battery.
Display frozen	Remove battery, wait 30 secs. and put the battery back into the instrument.
Full length reading error $\geq 0.1\text{mm}$	Sensor may have dirt or deposits in it. Remove cover and slider assembly. Blow sensor face with clean pressurized air and clean with a dry, lint-free cloth.
No display on LCD screen	1. Poor battery contact. Check battery compartment. 2. Replace battery.

## Maintenance and Care

1. Keep body of instrument clean and prevent liquid from getting into slider as it may damage the instrument.
2. Display should be cleaned with a clean, dry, lint-free cloth. Lubricate instrument with a few drops of clock oil. Avoid using acetone and alcohol.
3. Keep battery compartment clean and free of corrosion.

For service on this or any other REED product or information on other REED products, contact REED Instruments at [info@reedinstruments.com](mailto:info@reedinstruments.com).

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