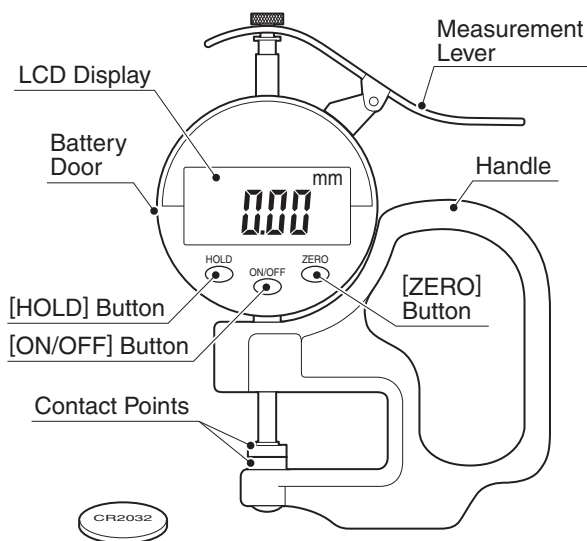


Thank you for purchasing the Niigata Seiki Digital Thickness Gauge.
For proper operation, please read this manual thoroughly before use.

■ PARTS IDENTIFICATION



CR2032 Lithium Battery
※ Included for testing. Please replace with new battery before use.

■ APPLICATIONS • FEATURES

- Measures thickness at the touch of a button. Ideal for small parts and sheet material.
- Digital display for error free reading.
- [HOLD] Button for fixing the value displayed.
- Auto Power Off feature (approx. 5 min.)

■ SPECIFICATIONS

Model No.	DES-3010
Resolution	0.01mm
Measurement Range	0-10mm
Accuracy※	±20μm
Throat Depth	30mm
Contact Points	φ 10mm Flat
Weight	180g
Power	(1x) CR2032 Lithium button cell
Accessories	CR2032 Lithium button cell (1x included for test)

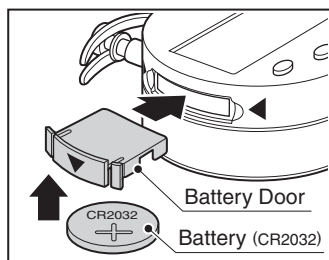
※ Not including quantization error (±1count)

■ OPERATION

- ① Press the [ON/OFF] Button to turn on power.
 - ② Without touching the Measurement Lever, verify that the Contact Points are touching, and then press the [ZERO] Button. LCD Display will read 0.00mm.
 - ③ Press down on the Measurement Lever to open the Gauge, and insert the part to be measured between the Contact Points. Release the Measurement Lever and the LCD will display the measurement.
- ※ By pressing [ZERO] with a reference piece between Contact Points, comparison measurements can also be made.
- ※ Press [HOLD] to fix the value on the display, press a second time to release.

■ BATTERY REPLACEMENT

Open Battery Door using the tabs on either side. Insert battery with "+" side facing up as shown. Push in door to close.



⚠ Caution

Only Use CR2032 battery (Lithium button cell)
Insert the Battery Door with the direction arrow (▼) pointing down as shown in the diagram.

⚠ PLEASE NOTE

- This is a precision instrument, use care not to drop or mishandle.
- Keep instrument away from direct sunlight or high temperatures such as in a car, or near a stove or heat source.
- Keep instrument away from water and oil.
- After use, remove cutting chips and dust by wiping with a soft cloth and wiping with rust preventative oil. Store out of reach from children.
- Use only as directed.

TROUBLESHOOTING

Error Condition	Corrective Action
<ul style="list-style-type: none"> • LCD does not display • Displayed value is unstable • Display is not clear 	<ul style="list-style-type: none"> • Cycle power by removing and replacing battery. • Replace battery with new one.

※ If problem persists, or if you have any questions, please contact distributor or place of purchase.

※ Please note, manufacturer is unable to respond to inquires or provide service directly. Please contact distributor or place of purchase.

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