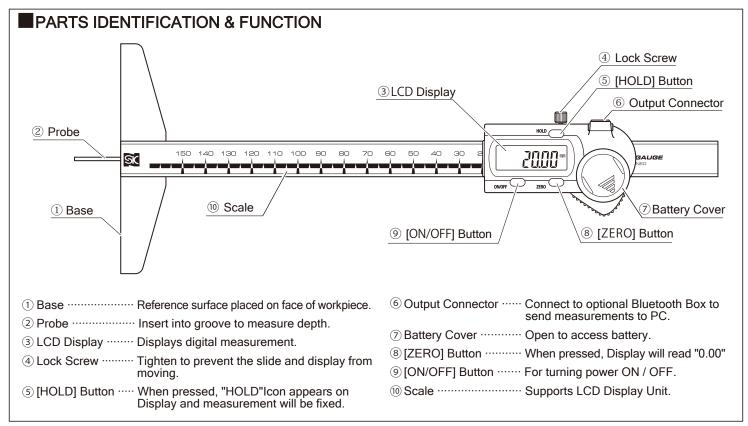
SK ПидаГа Геікі

Instruction Manual Model No. GDCS-150DCD

Precision Measuring Tool For Depth Measurement DIGITAL DEPTH GAUGE

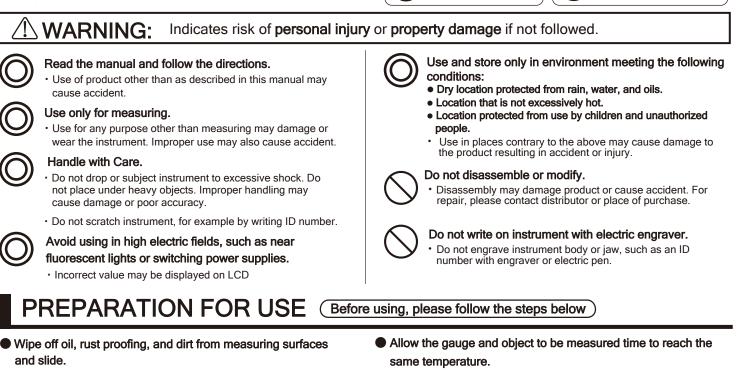
Thank you for purchasing Niigata Seiki Digital Depth Gauge. This product is a digital instrument for measuring depth.

- For safe and proper use of this product, please read this instruction manual before use and follow the procedures
- described. Keep this manual with the instrument for future reference.
- Keep this manual with the instrument if transferred or leased to a third party.
 For inquiries about this product, please contact dealer or Niigata Seiki at the address listed on the following page.



SAFETY PRECAUTIONS Please Observe

To prevent harm to yourself or others, and to prevent damage to property, always follow the procedures marked by the following symbols.



Denotes a prohibition -

You MUST NOT do

Denotes a requirement -

You MUST do

Contamination of surfaces may cause measurement error.

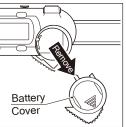
A temperature difference between the object to be measured and the gauge may cause measurement error. Allow time for the temperatures to equilibrate.

INSERTING • REPLACING BATTERY

1 Slide cover in direction of arrow.

Insert battery with (+) side outward.
 Deployee bettery eaver

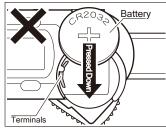
③ Replace battery cover.

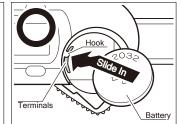


Notice Use only CR2032 type battery

 Use care to avoid damaging

- Use care to avoid damaging terminals when inserting battery.
- Terminals may be broken if battery is pressed straight down.
- Insert battery at angle, underneath the small hook, as shown.





TROUBLESHOOTING

Q. Nothing is displayed on LCD.

A. The battery may be running low, please replace battery with a new one.

Q. With power on, the number on the LCD does not change as Display Unit is moved.

A. Please reset by removing battery for about 30sec., and then replacing.

- Q. Nothing happens when buttons are pressed.
- A. Make sure battery is properly inserted.
- Q. The characters "MIN", "MAX", or " \bigtriangleup " are displayed on LCD.
- A. Cycle power, or apply several long presses to [HOLD] Button. Use as normal once character is off.

Q. The correct value is not displayed.

A. High humidity may cause dampness. Please dry off the instrument and use only in dry location.

SERVICE

- If Instrument is not working properly, 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.

SPECIFICATIONS

Measurement Range 0-150mm
Resolution
Instrument Error±0.04mm
Display 5 Digit LCD
Auto Off approx. 20 min
• Maximum response speed Slide in pos. dir. · · · 1.5m/s Slide in neg. dir. · · · 0.75m/s
Operating Temp. Range 0°C 40°C
• Storage Temp. Range10°C 60°C
Power
Battery Life approx. 2.5 years in normal use
• Weigh:
Accessory CR2032 Lithium Battery (for test)

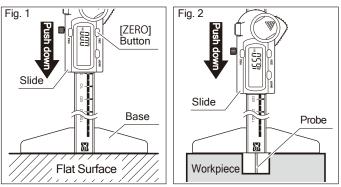
HOW TO USE

Power ON/OFF

- 1 To turn on, press the [ON/OFF] Button.
- 2 To turn off, press the [ON/OFF] Button.
- ③ With power on, press the [HOLD] Button to fix the value on the display.

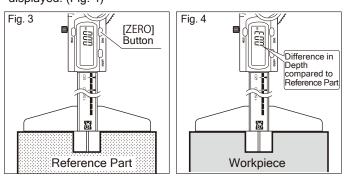
Absolute Measurement

- 1 Turn on power, and loosen the Lock Screw.
- ② Place the Base on a flat surface, and push the Slide down. When the Probe tip contacts the surface, press the [ZERO] Button. (Fig. 1) The Display will read "0.00mm" and the gauge is ready for measurements.
- ③ When placed on workpiece with Probe tip lowered into groove, the depth of the groove will be displayed. (Fig. 2)



Comparative Measurement

- ① Turn on power, and loosen the Lock Screw.
- ② Place the Base on the Reference Part and push the Slide down. When the Probe tip is in contact with the bottom of the groove, press the [ZERO] Button. (Fig. 3) The Disclosury in read to compare and the supervision reads for an and the supervision of the s
- The Display will read "0.00mm" and the gauge is ready for measurements. ③ When placed on workpiece with Probe tip lowered into groove, the difference in depth compared to the Reference Part will be displayed. (Fig. 4)



AFTER USE CARE • STORAGE

 After use, wipe off any dirt or oil from measuring surfaces, sliding surfaces, and exterior using a dry cloth and perform rust prevention treatment.

For rust prevention, lightly apply anti-rust oil, or place in rust preventive bag.

Store with Lock Screw loosened.

If stored with Lock Screw tight, expansion due to temperature changes may cause excessive force which will cause inaccuracy.

- Store in a cool, dry, and dark location in the provided case. Keep out of direct sunlight and moisture, and please keep secure from unauthorized personnel.
- Remove battery if Caliper will not be used for a long period of time.

💽 Niigata Seiki Co., Ltd.

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