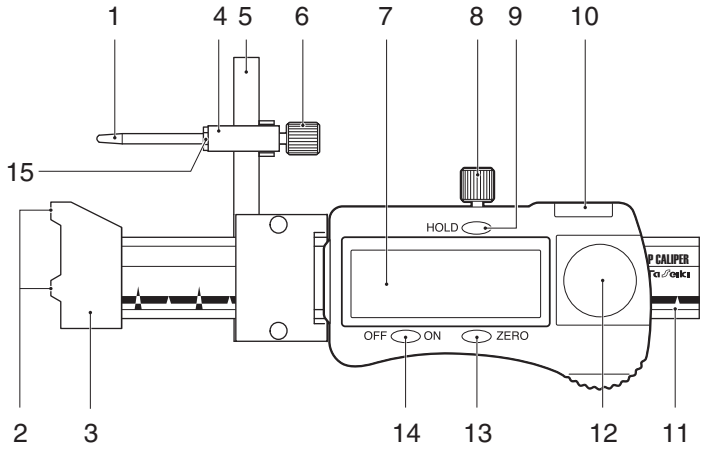
SK DIGITAL GAP CALIPER

INSTRUCTION MANUAL

Model No.：GDG-1

Thank you for purchasing the Digital Gap Caliper.
Before use, please read this document thoroughly for proper operation.

PARTS IDENTIFICATION



1. Probe
2. Reference Surface
3. Base
4. Probe Holder
5. Jaw
6. Clamp Screw
7. LCD Display
8. Lock Screw
9. [HOLD] Button
10. Connector (*)
11. Main Beam
12. Battery Cover
13. [ZERO] Button
14. Power [ON/OFF] Button
15. Lock Nut

(*) Output connector function not available for this model.

USAGE NOTES

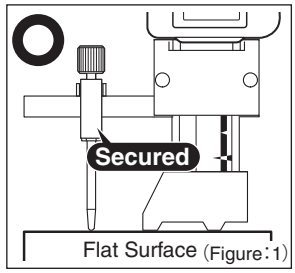
- Before use, please wipe off oil protectant using a soft, oiled cloth.
- This is a precision instrument, handle with care. Do not drop or subject to excessive force.
- Do not damage scale or scratch instrument. Do not apply ID numbers with engraver.
- Make sure probe Lock Nut is tight before use.
- Keep away from direct sunlight. Do not store instrument in extreme temperatures.
- Avoid using in locations with high electric fields, such as near fluorescent lights or switching power supplies, as it may cause erroneous reading to display on LCD.
- When instrument will not be used for one month or more, please remove the battery to prevent damage from battery fluid leakage.

OPERATION

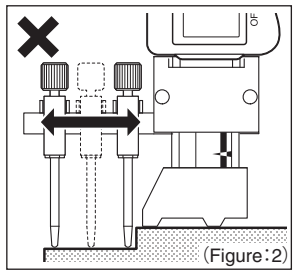
＜Absolute Measurement＞

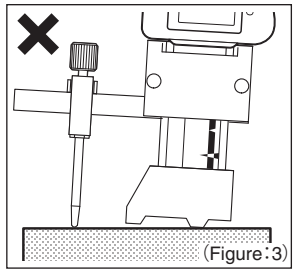
1. Turn on power.
2. Slide the Probe Holder to the desired position and tighten the Clamp Screw. (Figure：1)
3. Place the Caliper on a flat surface and with probe tip in contact with surface, press the [ZERO] Button. When display reads "0.00mm", gauge is ready for use.
4. Place gauge on workpiece, with probe tip on location to measure and take measurement.

※Probe Holder must be secure with Clamp Screw tight (Step 2. above) to prevent measurement error. (Figure：2)



Flat Surface (Figure：1)


(Figure：2)


(Figure：3)

＜Relative Measurement＞

Press the [ZERO] Button with probe tip on reference surface and subsequent measurement will show difference between reference and measured surface.

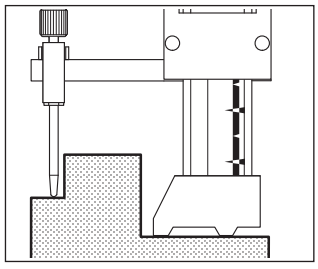
※ Display reading can be held by pressing the [HOLD] Button.

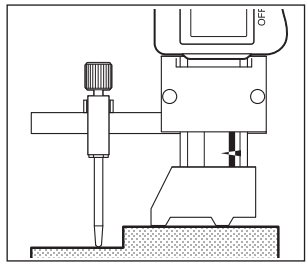
⚠ PLEASE NOTE

Base must be flat on surface for correct measurement. (Figure：3)

EXAMPLE

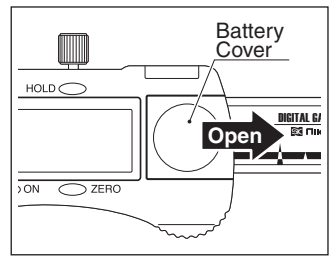
Loosen the Lock Screw and slide the Probe up and down to take measurement.





BATTERY REPLACEMENT

1. Slide Battery Cover in direction of arrow.
2. Insert battery with (+) side outward.
3. Replace Battery Cover.



⚠ Notice

Only use SR44 type battery.

TROUBLESHOOTING

Q. Nothing is displayed on LCD, or the numbers are flashing.
A. Is the battery running low?

Q. With power on, the number on the LCD does not change as the slide is moved.
A. Please reset by removing battery for about 30sec., and then replacing.

Q. Nothing happens when buttons are pressed.
A. Is the battery inserted properly?

Q. The characters "MIN", "MAX", or "△" are displayed on LCD.
A. Cycle power, or clear characters with a long press to the [HOLD] Button.

SPECIFICATIONS

- Resolution：0.01mm
- Instrument Error：±0.03mm
- Measurement Range：−13～16mm
- Display：4-Digit LCD
- Operating Temperature Range：0℃～40℃
- Storage Temperature Range：−10℃～60℃
- Auto Power Off：Approx. 20 min.
- Power：Silver Oxide Battery, SR44, 1.55V
- Battery Life：Approx. 1 year with normal usage
- Accessories：Silver Oxide Battery, SR44, 1.55V (for test)

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