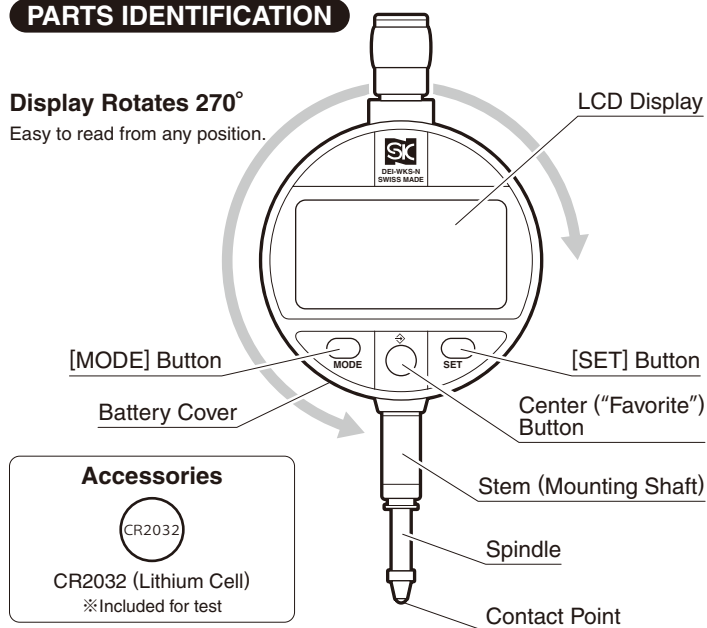


Thank you for purchasing the Digital S-Line Indicator.
For proper operation, please read this manual thoroughly before use.

PARTS IDENTIFICATION

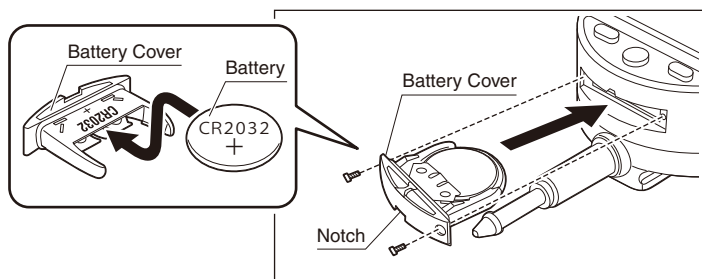
Display Rotates 270°

Easy to read from any position.



BATTERY REPLACEMENT

- 1 Remove the (2x) battery screws using (+) PH#0 screwdriver. Gently pry open the cover using a small standard screwdriver in the notch and slide out the battery.
- 2 Insert the new battery following the polarity markings on the cover.
- 3 Replace Battery Cover and tighten screws to secure.



NOTICE Use only CR2032 type battery.

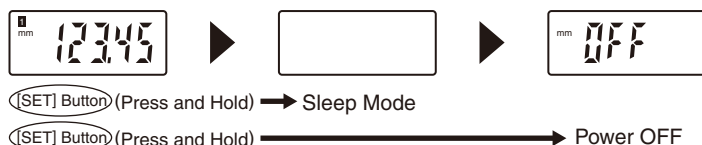
POWER

【Power ON】

Press [MODE], [SET], or Center Button to turn on power.

【Power OFF, Sleep Mode】

Press and Hold the [SET] button to enter Sleep Mode; continue pressing to turn power OFF.



- ※ Sleep Mode is entered automatically if gauge is idles for about 20 min.
- ※ To exit Sleep Mode, press any button or move the Spindle.
- ※ When remaining battery level is low, the 『B』 icon is displayed; please replace battery.
- ※ To reset all settings, press and hold [SET] and [MODE] at same time for about 4 sec., "rESEt" will display.

FEATURES

- Tolerance Setting capability
- Calculation capability
- Display rotates 270°
- Programmable "Favorite" Button
(Can be set for one touch access to frequently used functions.)
- MIN, MAX, MINMAX (TIR) display functions
- Direction of measurement (+ / -) switchable
- Preset function
- Sleep mode (after approx. 20 min.)
- Made in Switzerland

SPECIFICATIONS

Model No.	DEI-WKS-N
Measurement Range	0-12.5mm
Resolution	0.0001mm
Displayed Resolution	0.001mm/0.0001mm (switchable)
Accuracy	2.3 μm
Measurement Force	Less than 1.5N
Repeatability	0.5 μm
Mounting Shaft Diameter	φ 8mm
Operating Temp. Range	5~40°C
Power Supply	CR2032 (Lithium cell) × 1
Weight	140g

TROUBLESHOOTING

Error Condition	Corrective Action
Measured value is wrong	<ul style="list-style-type: none"> ● Clean measuring surfaces with lens tissue or similar. ● Confirm and re-set 0-Point setting.
<ul style="list-style-type: none"> ● LCD does not display ● Displayed value is unstable ● Display is hard to read 	<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.

HOW TO USE

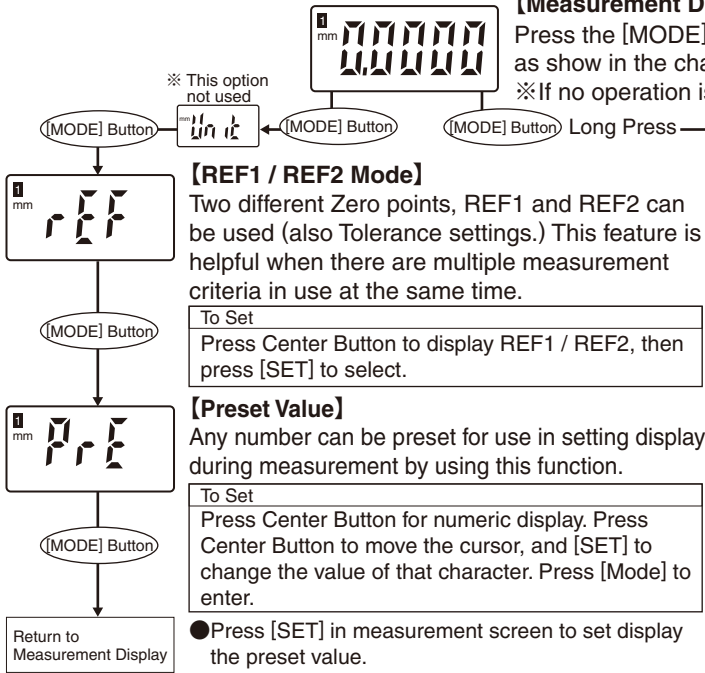
- ① Mount indicator securely, such as on optional Magnetic Base, and make sure that the Spindle is perpendicular to the measurement surface.
- ② Press [MODE], [SET], or Center Button to turn on power.
- ③ Check that the probe is in contact with surface, and refer to the following to set the 0-Point.
 - Refer to FUNCTION SETUP: "Preset Value"
 - Refer to Programmable "Favorite" Button: "Zero setting"
 - LCD will display "0.000mm" or "0.0000mm".
- ④ With Gauge body held fixed, and the probe in contact with the workpiece, the LCD will display the difference between workpiece and reference plane.

See Reverse for Feature Settings →

FUNCTION SETUP

[Measurement Display]

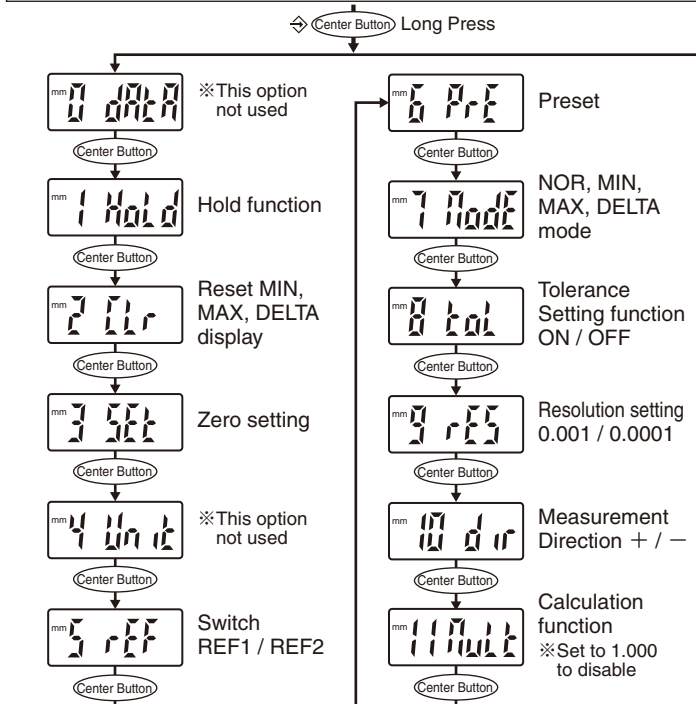
Press the [MODE] Button, or Press-and-hold, to access and cycle through the functions as show in the chart below. When the function is displayed, press Center Button to access.
 ※ If no operation is performed after 5 seconds, display will return to measurement screen.



Programmable "Favorite" Button

- Center Button can be programmed to call up a frequently used function with a single press while taking measurements.
- ※ Programmed setting is reset when power is turned off.

To Set
 Press and hold the Center "Favorite" Button to enter the button programming selection mode. Press Center Button to cycle through the options and then press [MODE] or [SET] to select.



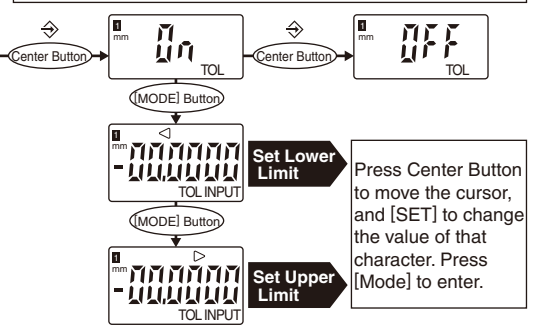
CAUTION

- This is a precision instrument, handle with care. Do not drop or subject to excessive forces.
- Keep away from high voltage and strong magnetic fields; instrument damage may result.
- Do not use or store in direct sunlight or locations with high temperatures such as in a car, or near a stove or heat source.
- When taking measurements, hold gauge securely, such as in magnetic base. (sold separately)
- Please do not disassemble or modify.
- Remove dust and cutting chips after use and apply rust preventative oil to metallic surfaces. Please keep out of reach of children.
- Do not use organic solvents to clean the body of the instrument.
- When not being used for a long period of time, please remove battery.
- Only use as directed. Improper use may cause accident or injury.

[Display Mode]

Set measurement mode: **MIN** (MIN), **MAX** (MAX), **delta** (MINMAX), or **nor** (NORMAL)
 ※ "delta" (MINMAX)
 → Display maximum displacement without regard to direction (TIR).

To Set
 Press Center Button to display options, then press [SET] to select.



[Tolerance Function] ※ Tolerance values can be set for MIN, MAX, and DELTA modes.

With tolerance values set, gauge will show if measurement is within range.
 Colored lights will show tolerance determination for easy judgment.

Ex: For measurement Lower limit set to "+3", Upper limit set to "+6"
 Measurement: 2.25mm Measurement: 4.00mm Measurement: 7.25mm
 < Red Light [OK] Green Light > Orange Light

To reverse the display indication, reverse the entry of the Lower and Upper limits.

Ex: For measurement Lower limit set to "+6", Upper limit set to "+3"
 Measurement: 2.25mm Measurement: 4.00mm Measurement: 7.25mm
 > Orange Light [OK] Green Light < Red Light

[Resolution]

To Set
 Press Center Button to display 0.001 / 0.0001, then press [SET] to select.

[Measurement Direction]

To Set
 Press Center Button to display $\frac{+}{-}$ (+) / $\frac{-}{+}$ (-), then press [SET] to select.

[Calculation Function]

You can enter a number to multiply by the amount of Spindle movement.

To Set
 Press Center Button to move the cursor, and [SET] to change the value of that character. Press [Mode] to enter.

Ex: If computation factor is set to "2.00", and measured value is "4.25" (actual amount of Spindle motion,) the displayed reading will be "8.50"

[Auto Off]

To Set
 Press Center Button to display "Auto" / "Auto", and press [SET] to select.
 『Auto』...disabled 『Auto』...Auto off if idle for 20 min.

[Button Lock]

For locking buttons while taking measurements.

To Set
 Press Center Button to display ON / OFF, then press [SET] to select.

- When lock is ON, $\frac{ON}{OFF}$ icon will display on LCD.
- To release the lock mode, press and hold [SET] until "Unit" is displayed.

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