



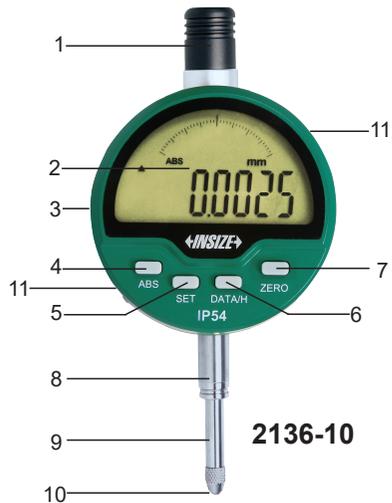
OPERATION INSTRUCTION

HIGH PRECISION DIGITAL INDICATORS

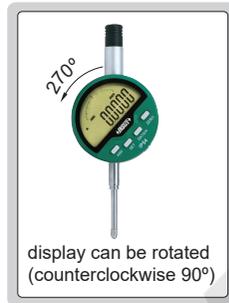
Adjustable resolution: 0.0005mm/0.00002"

IP54 dust/waterproof (when cap is lifted, no dust/waterproof)

Code	Range	Accuracy	Hysteresis	Maximum measuring force	cap	Remark
2136-10	12.7mm/0.5"	2μm	1.5μm	1.5N	can lift	flat back
2136-25	25.4mm/1"	2μm	1.5μm	1.8N	can lift	flat back
2136-50	50.8mm/2"	4μm	2μm	2.3N	can lift	flat back



- 1-Cap
- 2-LCD display
- 3-Type-C charging port
- 4-"ABS" button
- 5-"SET" button
- 6-"DATA/H" button
- 7-"ZERO" button
- 8-Stem(Ø8mm)
- 9-Measuring rod
- 10-Probe
- 11-Forced shutdown holes



1. Button function: short press(<1 second), long press(≥2 second)

ZERO	short press	Zero setting
	long press	Power on/off
ABS	short press	Absolute on/off
	long press	Set the origin
SET	short press	Tolerance on/off
	long press	Set the upper/lower limit, mm/in conversion, select Max/Min/Max-Min
	Long press	ABS&SET to set the measurement direction
DATA/H	short press	Single data transmission
		Long press ABS&SET to continuously data transmission
	long prss	Data-hold on/off

2. Usage.

2.1 Zero setting, switching on/off

ZERO --- Long press, switch on/off.

---Short press to display the pre-set initial value (in absolute measuring mode, 'ABS' is displayed).

2.2 Switching between absolute and relative measuring modes, setting the origin

ABS--- to change to absolute/relative measuring mode. The upper left corner of the display shows 'ABS', which is the absolute measurement mode, this is normal measuring mode. Short press on any point (called 'Relative Zero'), enter the relative measurement mode, the display value is '0.0000'. In relative measurement mode, the display value is the distance from the measurement point to the 'relative zero point'. Short press again to return to absolute measurement mode.

---Press and hold to enter initial value setting mode. The display shows '+000.0000' and '+' flashes, and 'ABS' appears in the display. At this time, press ABS key or SET key to switch '+/-', press ABS key to increase the value, press SET key to decrease the value, press DATA to switch the number of blinking digits, and press ABS key to save the setting.

2.3 Tolerance measurement, set the upper limit and lower limit, switch between mm/in, Select Max/Min/Max-Min measurement

SET---Short press, enter the tolerance measurement mode. If the measured value exceeds the upper tolerance, the right arrow flashes '↗'; if it exceeds the lower tolerance, the left arrow flashes '↘'.

--- Long press, enter setting mode. Short press SET key to switch the display mode: TOL, mm, Max, Min, Max-Min, at this time, short press DATA/H, select to enter the corresponding mode.

(1) TOL Set the upper/lower limit

- a. Long press Set key, 'TOL' flashes, press the Data/H key briefly to enter the TOL setting, and start to set the upper limit value '↗'.
- b. Short press Data/H key, '+' blinks, short press ABS (or Set key), switch '+/-'. Continue to press Data/H key briefly to switch the number of blinking digits, press 'ABS' briefly to increase the value, press 'SET' briefly to decrease the value.

Display:

- ↕ Forward/reverse measurement
- ↻ Data output
- 🔋 Battery power
- ↗ Upper limit
- ↘ Lower limit
- ABS Absolute mode
- TOL Set the upper/lower limit
- H Data-hold
- in Inch
- mm mm
- Max Maximum measurement
- Min Minimum measurement
- Max-Min Maximum - minimum measurement



MN-2136-E V0

- c. Short press Data/H key, complete the upper limit setting, '▼' disappear, '▲' display, enter the lower limit setting. Repeat step 'b/c'.
- d. Long press set key, complete the TOL setting, save automatically and exit. (When off, the analogue scale only indicates the direction of dynamic change)

Note: ① Upper limit value \geq lower limit value, otherwise it will report error 'E42', exit automatically without saving the error setting.

② TOL is set as the upper limit and lower limit of tolerance measurement.

For example: TOL setting range $10 \pm 0.02\text{mm}$ (the upper limit is set to 10.02mm, the lower limit value is set to 9.98mm).

(2) mm/in setting

- a. Long press Set key, display "TOL" blinking, and then short press once, switch to the metric and imperial settings.
- b. Short press Data/H key, switch to blinking metric "mm" or imperial "in", short press SET to select and exit, and at the same time to enter the next mode setting, or long press SET key to save and exit the setting directly.

(3) Select Max/Min/Max-Min measurement

- a. Long press Set key, the display will show "TOL" blinking, and then short press it twice to enter the extreme value setting mode.
- b. Continuously short press Set key, it will blink "Max/Min/Max-Min" in sequence, after selecting the desired mode, long press Set key to select and exit, and enter the next mode setting at the same time, or long press SET key to save and exit the setting directly. After selecting the desired mode, long press SET key to save and exit. When you need to turn off the extreme value mode, long press SET key until "TOL" flashes, then long press SET key again to exit.

*Note: When "Max" or "Min" or "Max-Min" is displayed, it means that it is in extreme value measurement state.

2.4 Switching measurement direction

ABS and SET---Long press at the same time to switch the measurement direction, '▲' or '▼'.

2.5 Data transmission

DATA/H---Short press to send data in a single pass.

SET and DATA/H---Long press at the same time to send data continuously. Short press DATA/H to end data output.

Note: During data transmission, the host device needs to be set to English or digital input.

2.6 Data hold

DATA/H---Press and hold to lock the interface and keep the data.

3. Restore factory settings

In the measurement state, long press ABS and ZERO key at the same time to clear all setting data and initialize.

4. Power supply

Built-in rechargeable lithium battery, fully charged can work continuously for 30 hours.