

Please read through this owners manual carefully before using your new tool. Use your tool properly and only for its intended use.

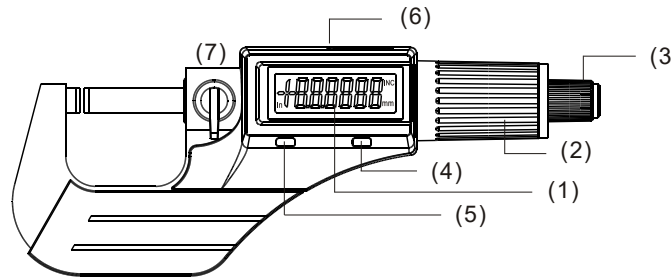


Electronic Digital Micrometer **iP40 | iP54**

35-040-xx | 35-054-xx

Operation Manual

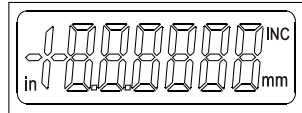
1. **Parts:**
 1. LCD display
 2. Friction drive
 3. Quick drive
 4. ABS/INC...UNIT key
 5. ON/OFF...SET key
 6. Data output
 7. Locking screw
2. **Keys**



ON/OFF...SET key: Power switch ; ZERO setting.
 ABS/INC...UNIT key: Absolute & relative measuring. Metric/inch conversion.

3. LCD Display

"INC" : Relative measuring mode.
 "in " : Unit: inch.
 "mm" : Unit: metric.



4. Operation

Two ways of pressing the keys are used in the following illustrations:
 (1) Short Press: Press and release; (2) Long Press: Press and hold for 3~5 seconds.

4.1 ON/OFF...SET key:

On/Off: Short press the key to turn the gauge on or off.
 Set or reset zero: Long press the key to set zero, LCD display will reset to zero.

4.2 ABS/INC...UNIT key:

Short press: Absolute and Incremental mode measuring mode conversion; INC (Incremental) sign displayed on LCD for relative measuring mode. Short press the key again to disable the function.
 Long press: Metric (mm) /inch (in) conversion.

5. Specifications

Measuring force: 5~10N. Power consumption: $20 \leq A\mu$ Operating temperature: 0~40°C.
 Storage temperature: -20~60°C Dust / Moisture Protective Rating: iP40 or iP54 rated

6. Precautions

- * Do not subject the instrument to blows or knocks. Do not drop it or apply excessive force.
- * Do not disassemble the instrument.
- * Do not press the keys with a pointed object.
- * Do not use or store instrument under direct sunlight, or in an excessively hot or cold area.
- * Do not use the instrument near strong magnetic fields and high voltages.
- * Use a soft cloth or a cotton swab that is dry to clean the instrument. Do not use organic solvent such as acetone or benzene. Alcohol may be used.
- * Wipe the measuring faces of the instrument before using it.
- * Remove the battery if the instrument is not used for a long period of time.

7. Troubleshooting

Please replace battery (CR2032) when display: does not power-on; display fade; display flashes.
 Misread: clean the gauge; reset zero; replace battery when reset zero does not work.

Item #	Description	Range	Accuracy
35-040-025	iP40, 0-1" Outside	0-1" / 0-25mm	0.00015" / 0.003mm
35-040-050	iP40, 1-2" Outside	1-2" / 25-50mm	0.00015" / 0.003mm
35-040-075	iP40, 2-3" Outside	2-3" / 50-75mm	0.00015" / 0.003mm
35-040-100	iP40, 3-4" Outside	3-4" / 75-100mm	0.00015" / 0.003mm
35-040-125	iP40, 4-5" Outside	4-5" / 100-125mm	0.0002" / 0.005 mm
35-040-150*	iP40, 5-6" Outside	5-6" / 125-150mm	0.0002" / 0.005 mm
35-040-213	iP40, 0-3" 3 Piece set	TOTAL 0-3" / 0-75mm	
35-040-214	iP40, 0-4" 4 Piece set	TOTAL 0-4" / 0-100mm	
35-040-216	iP40, 0-6" 6 Piece set	TOTAL 0-6" / 0-150mm	
35-040-201	iP40, 0-1" Double Point	0-1" / 0-25mm	0.00015" / 0.003mm
35-040-301	iP40, 0-1" Micrometer Head	0-1" / 0-25mm	0.00015" / 0.003mm
35-040-T01	iP40, 0-1" Tube Micrometer	0-1" / 0-25mm	0.00015" / 0.003mm
35-230E	iP40, 0.3-1.3" Disc Rotor	0.3-1.3"	0.00015" / 0.003mm
35-054-401**	iP54, Barrel Tube	0-1" / 0-25mm	0.00015" / 0.003mm
35-054-646**	iP54, 0-6" Depth Micrometer	0-6" / 0-150mm	0.00015" / 0.003mm (0-1")
35-054-SP1**	iP54, 0-1" Pin Tube Thickness	0-1" / 0-25mm	0.00015" / 0.003mm
35-025-USB	Data Output Kit (software included)	(Micro USB & USB plugs)	(Push button style output)

*Display to show 0.000 when set zero **IP54 Protective Rating

⚠ State of California: Proposition65 Warning: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

