INSTRUCTION

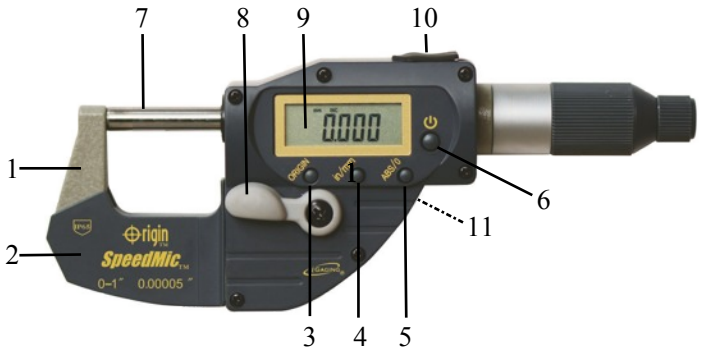
Item# 35-070-xxx

** Please read through this instruction carefully before using the tool. Use the tool for its intended purpose only.

Item# 35-070-xxx: Absolute Origin SpeedMic Micrometer

- **iGAGING Absolute Origin SpeeedMic uses the absolute encoding technology in which the sensor memorizes and traces an absolute origin zero position.**
- **U.S. patented linear moving sensor provides accurate and reliable measurements.**
- **Measure speed is dramatically faster in comparison with any traditional rotary micrometers.**
- **IP65 coolant proof.**
- **SPC/USB data output port.**

• Parts



1. Frame
2. Frame Insulator
3. Origin Key
4. in/mm Key
5. ABS/0 Key
6. ON/OFF Key
7. Spindle
8. Operating Lever
9. LCD Display
10. SPC Output
11. Battery cover (rear)

• Specifications

Measure Range	Resolution	Repeatability	Accuracy
0-1”/0-25mm	0.0005”/0.01mm	0.0005”/0.01mm	0.00015”/0.003mm
1-2”/25-50mm	0.0005”/0.01mm	0.0005”/0.01mm	0.00015”/0.003mm
2-3”/50-75mm	0.0005”/0.01mm	0.0005”/0.01mm	0.0002”/0.004mm
3-4”/75-100mm	0.0005”/0.01mm	0.0005”/0.01mm	0.0002”/0.004mm

Operating environment: temperature 0°~+40°C Storage temperature: -10°~60°C
Measuring force: 4-7N Power: 3V, CR2032 Battery

• Operations

ON/OFF: Press and release ON/OFF key to switch gauge on and off; auto shut-off in 5 minutes when not in use.
ABS/Zero: Short press to set a relative zero, and “INC” will display; Long press (hold for 5 seconds) to return to absolute measuring mode (default setting).
In/mm: Press the key to switch between inch and metric reading.
Origin: To reset absolute zero, press and hold Origin key, and “in” will display under inch reading, or “mm” will display under metric mode. Release the key and new absolute zero is reset.
Operating Lever: push and release the lever to make measurement.
Battery replacement: Remove the battery cap use supplied “S” shape wrench and turn counterclockwise; remove the old battery and replace a new CR2032 battery with “+” side up; replace the cap and turn Clockwise.

• Data output

1. The output interface is a standard USB.
2. The instrument can be connected to a computer USB port by using an SPC cable kit, item#100-700-USB.
3. When not using the interface, always keep the output connect lid in place.

Smart phone scan

- Do not disassemble the instrument.
- Do not subject the instrument to blows or shock.
- Do not store the instrument under direct sun light.
- Avoid exposing unit to strong magnetic fields and live voltage.
- Use soft cloth to clean instrument before and after usage. Never use organic solvents such as acetone or benzene to clean.