



OPERATION INSTRUCTION

Large Stroke Digital Indicator Series 2117

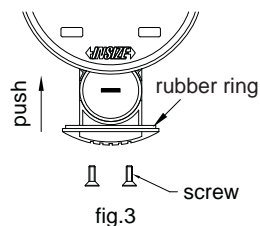
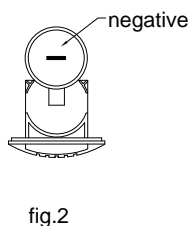
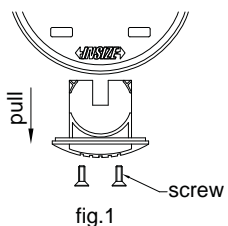
Code	Range	Resolution	Accuracy	Hysteresis	Remark
2117-100	100mm/4"	0.01mm/0.0005"	30μm	10μm	lug back
2117-1001	100mm/4"	0.001mm/0.00005"	9μm	3μm	lug back

- 1-"ZERO" button
- 2-LCD display
- 3-Data output
- 4-"ON/OFF" button
- 5-"mm/in" button
- 6-Battery cover
- 7-Stem(diameter Ø8mm)
- 8-Contact point(thread M2.5X0.45)



1. Install battery:

- Screw out locking screws, remove the battery cover (fig.1).
- Put CR2032 battery into battery house, the negative side of battery (-) should face out (fig.2).
- Close the battery cover, screw in locking screws(fig.3).



- 2. Button:
ZERO---set zero
mm/in---mm and inch conversion
ON/OFF---turn on/off
- 3. Automatic power off about 6 hours. Press "ON/OFF" button to power on.
- 4. Digital indicator should be clamp on rigidity indicator holder.
- 5. Clamping: the dial indicator can be mounted by clamping the lug.
- 6. During measurement, the spindle should be vertical to the workpiece surface, otherwise, the measurement may not be correct.
Caution: please do not move the spindle quickly or apply lateral force on the spindle.
- 7. After measurement, please apply oil the contact point. The spindle should not be oiled, otherwise, the movement of the spindle will not be smooth.
- 8. If the digital indicator drops or be shocked, please inspect the measuring accuracy before using.
- 9. Optional accessories: data output cable(7302-SPC3A, 7305-SPC1A, 7306-40), contact points(series 6282).
Note: in order to get accurate measurement, it is necessary to select contact point according to the shape of the workpiece. Measuring columned workpiece should choose knife edge point, measuring spherical workpiece should choose flat point, the needle point should be chosen when measuring concave or complex shape workpiece.
- 10. One battery can last for one year use. If there is nothing on display or digits blurring, battery voltage is too low, please replace battery. If the digits do not change when buttons are pressed or spindle is moved, take out battery and put it back after 1 minute. If the indicator is not be used for a long period of time, please remove the battery. Otherwise, liquid may leak from the battery and damage the indicator.
- 11. Working temperature is 0~40°C/32~104°F.

MN-2117-C/E

V0