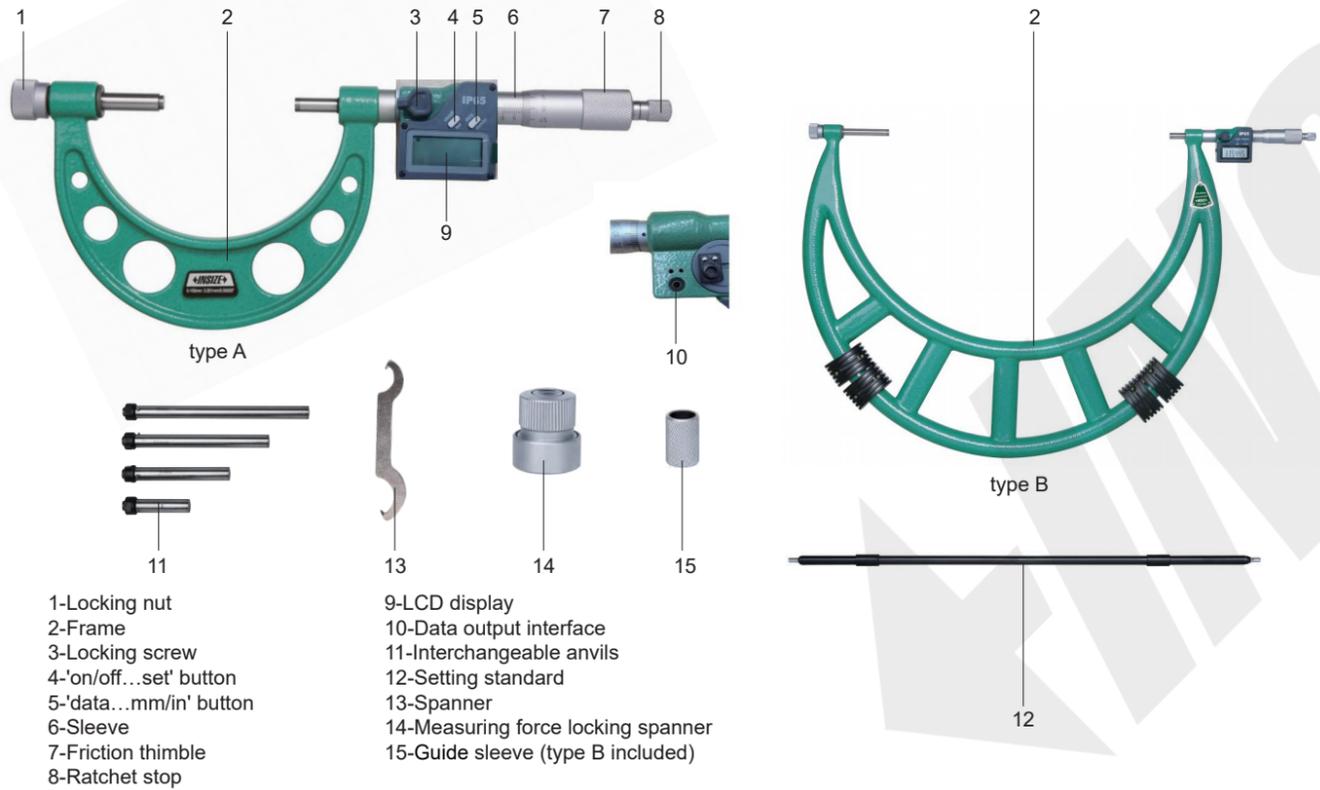


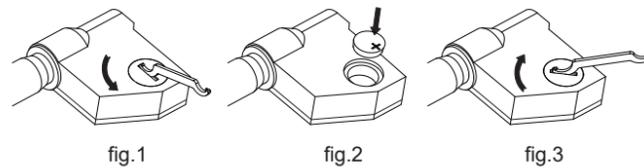
Note: When the micrometer is calibrated to zero, the support mode should be the same as the actual measurement, otherwise the measurement error will be caused by the influence of the self-weight deformation of the ruler frame.

Resolution: 0.001mm/0.0001" (resolution of 3506-100A and 3506-150A is 0.001mm/0.00005")

Code	Range	Type	Accuracy	Setting standard (included)
3506-100A	0-100mm/0-4"	A	±5μm	25, 50, 75
3506-150A	0-150mm/0-6"	A	±6μm	25, 50, 75, 100, 125
3506-300A	150-300mm/6-12"	A	±8μm	150, 175, 200, 225, 250, 275
3506-301A	200-300mm/8-12"	A	±8μm	200, 225, 250, 275
3506-400A	300-400mm/12-16"	B	±9μm	325, 375
3506-500A	400-500mm/16-20"	B	±11μm	425, 475
3506-600A	500-600mm/20-24"	B	±12μm	525, 575
3506-700A	600-700mm/24-28"	B	±13μm	625, 675
3506-800A	700-800mm/28-32"	B	±15μm	725, 775
3506-900A	800-900mm/32-36"	B	±16μm	825, 875
3506-1000A	900-1000mm/36-40"	B	±17μm	925, 975

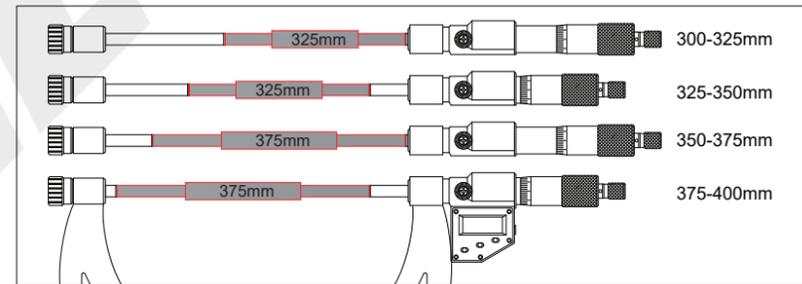


- The micrometer is dustproof and waterproof (IP65).
- Install battery:
 - Turn the battery cover 45° counterclockwise with the spanner (fig.1), then remove it.
 - Put CR2032 battery into battery house, the positive side of battery (+) should face out (fig.2)
 - Put the battery cover back and turn clockwise to fix it (fig.3)

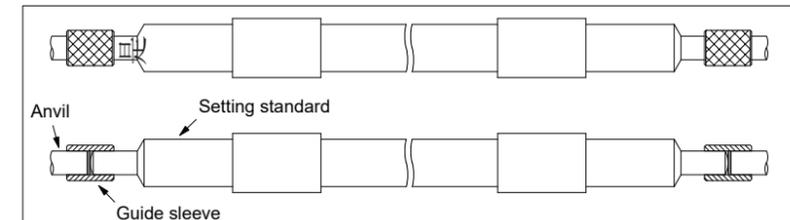


- Buttons:
 - on/off...set
 - short press(<2 sec.): power on/off
 - long press(>2 sec.): set the initial reading in absolute measuring mode. data...mm/in
 - short press(<2 sec.): for data transmit, send one data each time.
 - long press(>2 sec.): metric/inch conversion
 - Data output signal light
 - for short press data...mm/in, the red light flashes once

- Calibration
 - Choose suitable anvil and setting standard according to measuring range.
 - Install Interchangeable anvil into micrometer, use measuring force locking spanner 14 to tighten locking nut 1.
 - Set initial reading to the size of setting standard (refer to the instruction of "on/off...set" button)
 - Measure setting standard, long press "on/off...set" button, "SET" blinks, short press the button again, the initial reading will be displayed (same as the size of setting standard).--- Micrometer should be checked regularly to make sure that it is properly initial reading set.
 - Caution: Type B micrometer is supplied with two setting standards, which can be shared in calibration. Take 3506-400A for example, it is supplied with setting standards 325mm and 375mm. 325mm is for anvil 300~325mm and 325~350mm. 375mm is for anvil 350~375mm and 375~400mm. Anvil 300~325mm/350~375mm is calibrated at micrometer end while anvil 325mm~350mm/375~400mm is calibrated at micrometer start.



Guide sleeve is used to calibrate type B micrometers.



- Measurement:
 - When the measuring face is close to, but not in contact with the workpiece, rotate the ratchet stop until you hear click, but can not rotate friction thimble, which will damage the internal precision threads.
 - Caution: When the measuring faces is close to, but not in contact with the workpiece, do not apply excessive force to rotate the ratchet stop, as it will lead to inaccurate results and may damage the internal precision threads.
- Optional SPC cable (7315-, 7302-, 7305-).
- Automatic power off in about 5 minutes. Press any button to turn on micrometer. Do not quickly turn the micrometer head when the power is off, to avoid reading errors. If you quickly turn the micrometer head and need to re-zero.
- The battery can be used for half a year. If there is nothing on display or digits blurring, battery voltage is too low, please replace battery. If digits do not change when buttons are pressed or friction thimble is rotated, take out battery and put it back after 1 minute. Remove battery if micrometer is not be used for a long period of time, otherwise, liquid may leak from the battery and damage the micrometer.
- Working temperature is 0-40OC/32-104OF.
- Precautions: When using the micrometer, be sure to hold the heat insulation plate or choose the micrometer holder to use, to avoid the measurement error caused by the inconsistency between the temperature of the micrometer and the measured workpiece.