Code	Range	Resolution	Accuracy (20°C)	Measuring force	Output	Powersupply	Base
1157-501	0~50mm	1μm/0.00005"	3μm	0.8~1.2N	USB	5V/1A(adapter or chargepal)	granite (flatness: 2μm)
1157-502	0~50mm	1μm/0.00005"	3μm	0.8~1.2N	USB		ceramic (flatness: 1μm)

1-LED display
2-'on/off,zero' button
3-Probe
4-Base
5-Main unit
6-'mm/inch' button
7-Locking screw
8-Main unit locking screw
9-Spindle
10-spindle lift knob

1. Buttons:
on/off,zero
---Long press >3s in the power off state to power on Lift the spindle to the full range until display is normal
Long press >3s in the power on state to power off
Short press to set zero
mm/inch
---Short press: mm and inch conversion
Long press >3s : Max/Min/Max-Min conversion

2. Calibration:
---Put the gauge in vibration-free position. Avoid direct sunlight, dust or thermal change
---Loosen the main unit locking screw, install the main unit, and tighten the main unit locking screw
---Loosen the locking screw, adjust the probe to completely contact with the base measuring surface, give a certain amount of preload, tighten the locking screw, short press the 'on/off, zero' button to set zero
---Complete calibration

3. Measurement:
--- Lift the spindle lift knob to make the probe higher than the workpiece, move the workpiece below the probe, slowly drop the spindle lift knob to make the probe fully contact with workpiece
---Read the result

4. Notes:
---Make sure the power is connected before turning on the device
---Always power off before installing or connecting cable
---Avoid water, oil, dust ect. while in use. The case of this device cannot be wiped with solvent like thinner
---Please lower the spindle gently to avoid hitting and damaging the base measuring surface
---Turn off the power when not used for a long time

5. Optional accessories:
Contact point (code 6282), charge pal (1155-5-POB), data output cables 1155-5-FOS(including foot switch).

power supplied by charge pal

data transfer to Excel without software; short press the foot switch to transmit data, long press to zero

MN-1157-E
V2