Note: When setting the initial value, the sleeve needs to be pre-pressurized by larger than 1/3 turn to ensure that the measuring surface is in full contact.

Measure root tangent length of gear
Carbide spindle and anvil
One turn of sleeve makes 5mm spindle feed, press the fork, the spindle retracts 3mm
Adjustable resolution: 0.0002mm/0.00001"
0.001mm/0.00005"
0.01mm/0.0005"

With data interface (optional wireless transmitter code 7315-3350, receiver is needed)

Code	Range	Accuracy	Repeatability	Parallelism
3353-25	0-25mm/0-1"	4µm	1µm	4µm
3353-50	25-50mm/1-2"	4µm	1µm	4µm
3353-75	50-75mm/2-3"	5µm	1µm	5µm
3353-100	75-100mm/3-3.95"	5µm	1µm	5µm

Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

Code	Range	Accuracy	Repeatability	Parallelism
3353-25AWL	0-25mm/0-1"	4µm	1µm	4µm
3353-50AWL	25-50mm/1-2"	4µm	1µm	4µm
3353-75AWL	50-75mm/2-3"	5µm	1µm	5µm
3353-100AWL	75-100mm/3-3.95"	5µm	1µm	5µm
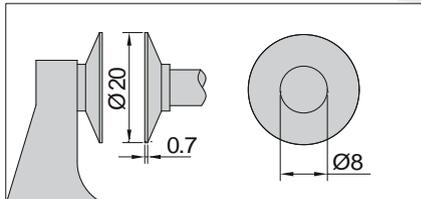
1-Anvil	6-'ON/OFF' button	11-'HOLD' button
2-Carbide measuring face	7-'M' button	12-'ZERO' button
3-Spindle	8-Plate	13-Spindle retract fork
4-LCD display	9-'DATA' button	14-Sleeve
5-Data output interface	10-'RES' button	15-Gage blocks for zero setting

1. Power: rechargeable battery, for 24 hours continuous working. Please use a dedicated charger.

2. Buttons:
ON/OFF:Power on/power off
M:Short press to switch the default mode /P0/P1/P2/P3/P4/P5/P6/P7/P8/P9

Default base function (P0):
P0 is displayed on the display
---Short press 'ZERO' button to zero
---Short press 'RES' button,resolution conversion
---Short press 'DATA' button, ,data transmission
---Short press 'HOLD' button to lock or unlock the display. In the locked state, the display shows the 'HOLD', 'DATA', 'RES' and 'ON/OFF' buttons are effective, and the 'ZERO' and 'M' buttons are invalid.

Extreme value measurement (P1):
P1 is displayed on the display
---Short press 'RES' button,can switch the maximum, minimum and maximum and minimum difference measurement states.
---Short press 'HOLD' button, Start/end extreme value measurement
---Short press 'DATA' button, data transmission

Data preset (P2):
P2 is displayed on the display
---Short press 'ZERO'button, set the initial value to zero
---Short press 'RES' button to change digits
---Short press 'DATA' button to change the value
---Short press 'HOLD' button to switch positive and negative
---Short press 'M' button to save the current setting data and enter the next mode

Tolerance (P3-P5):
Upper tolerance setting (P3):
P3 is displayed on the display
---Short press 'ZERO'button, set the upper tolerance to zero
---Short press 'RES' button to change digits
---Short press 'DATA' button to change the value
---Short press 'HOLD' button to switch positive and negative
---Short press 'M' button to save the current setting data and enter the next mode

Tolerance basic size setting (P4):
P4 is displayed on the display
---Short press 'ZERO'button, set basic size to zero
---Short press 'RES' button to change digits
---Short press 'DATA' button to change the value
---Short press 'M' button to save the current setting data and enter the next mode

Lower tolerance setting (P5):
P5 is displayed on the display
---Short press 'ZERO'button, set the lower tolerance to zero
---Short press 'RES' button to change digits
---Short press 'DATA' button to change the value
---Short press 'HOLD' button to switch positive and negative
---Short press 'M' button to save the current setting data and enter the next mode

Metric and inch switching (P6):
P6 is displayed on the display
---Short press 'RES' button, mm and inch conversion
---Short press 'M' button to save the current setting data and enter the next mode

Power off time (P7):
P7 is displayed on the display
---Short press 'RES' button to set the automatic power off. The display shows 00:01, ten
   minute automatic power off if there is no operation. The display hows 00:00 means no
automatic power off
---Short press 'M' button to save the current setting data and enter the next mode

Analog pointer set to zero (P8):
P8 is displayed on the display
---Short press 'ZERO'button to zero the current analog pointer
---Short press 'M' button to save the current setting data and enter the next mode

Switch direction (P9):
P9 is displayed on the display
---Short press 'RES' button to switch direction,▲ means that the counting direction is
   positive when the spindle is moved right, and ▼ means that the counting direction is
   negative when the spindle is moved right.
---Short press 'M' button to save the current setting data and enter the next mode

Reset function
---Short press 'ZERO' button and 'M' button at the same time to restore the factory
   settings

3.The display shows ERR01, means the data decoding is abnormal;
   The display shows ERR02, means the upper and lower tolerance settings are abnormal.
   The display shows ERR03, means the data exceeds the maximum and minimum display
   limits.
   Note: The ERR02 and ERR03 error indications can be quickly released by the reset
         function.

4.Please clean the measuring faces and setting standard ends, then set initial reading.
   Micrometer should be checked regularly to make sure that it is properly initial reading set.
   Note: When setting the initial value, the sleeve needs to be pre-pressurized by larger than
         1/3 turn to ensure that the measuring surface is in full contact.

5. Measurement: The limit function of spindle retract fork can be used when inspecting
   batches of workpieces.
   ---Adjust the gage to the appropriate position according to
      the tested workpiece.
   ---Press the fork, place the measured workpiece between
      the two measuring surfaces of the gage, loosen the fork,
      and slightly shake the measured workpiece so that the
      workpiece is in full contact with the two measuring surfaces of the gage.
   ---Read measurement results.
   ---After the reading is completed, press the fork to remove the workpiece.
   The measuring contact point is as close as possible to the zeroing contact point
   (the parallelism error of the disk micrometer is more than the general micrometer,
   and difference between zero position and measured position will cause the parallelism
   error).

6. Prevent impact and water immersion.

7. After use, please oil the contact point.

MN-3353-E

V3

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