



OPERATION INSTRUCTION

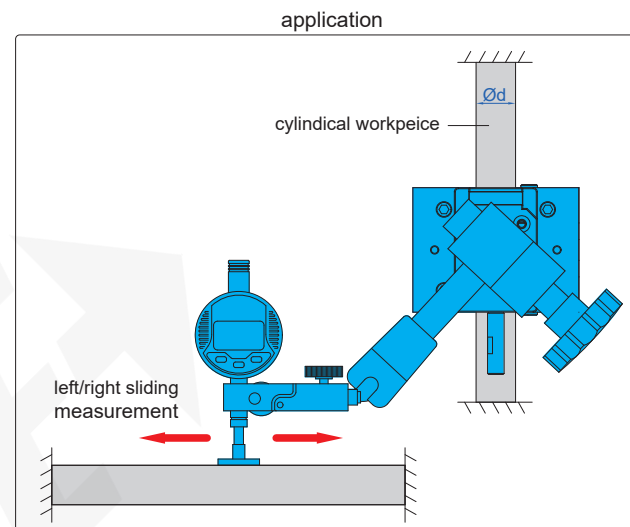
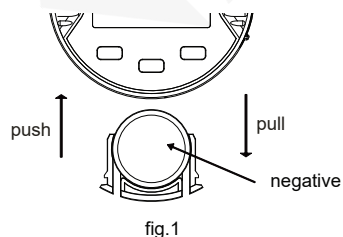
Perpendicularity Comparison Gauge

Code	2253-20
Digital indicator stroke	5mm/0.2"
Digital indicator resolution	0.01mm/0.0005"
Perpendicularity	0.01mm
Left/right slide stroke	45mm
Cylindrical workpiece diameter $\varnothing d$	20mm



- 1-Digital indicator
- 2-Point
- 3-Hydraulic universal bracket
- 4-Slide table
- 5-Locking bracket

1. Measure parallelism between two cylinders
2. Install and remove battery(CR1632), the negative side of battery should face out(fig.1).



3. Buttons:

'in/mm' ---short press: inch and mm conversion; long press: change measuring direction.

'ABS' --- short press: absolute and relative measuring mode conversion; long press : set initial reading, short press "in/mm" to change the digit from 0 to 9, short press "0/ON" button to position the digit, long press "ABS" again to exit.

'0/ON' --- short press: set zero; long press: power off

4. When the locking wrench is closer to the end face (fig 2), the position adjustment needs to be performed to avoid the subsequent situation that the locking wrench is screwed to the end but not locked.

Adjust the locking wrench to the middle position of the thread, use the hex wrench to adjust the internal hex wrench hole of the tail clockwise, and stop when there is a large resistance, turn the lock wrench at the same time to check the position of the lock wrench when locking, and complete the adjustment if the position is appropriate(fig 3, fig 4).



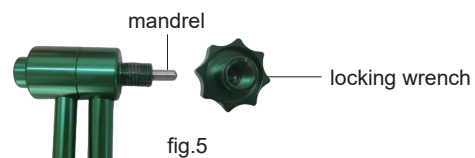
MN-2253-E

V1

5. If the pressure is insufficient, the anti-wear hydraulic oil can be added appropriately.

Methods as below:

- Unscrew the locking wrench (fig 5) and remove the mandrel
- Add the right amount of anti-wear hydraulic oil
- Install the mandrel and tighten the lock wrench



Note: When not in use, loosen the lock wrench to avoid hydraulic oil consumption.

6. Optional accessory: measurement software (code **7377**)

wireless data transmission (transmitter code **7213-56** , receive is needed)

7. Matters needing attention:

- Pay attention to product protection after measurement. If it is not used for a long time, it should be stored.
- Oil shall be applied for protection during long-term storage to avoid rusting of products.