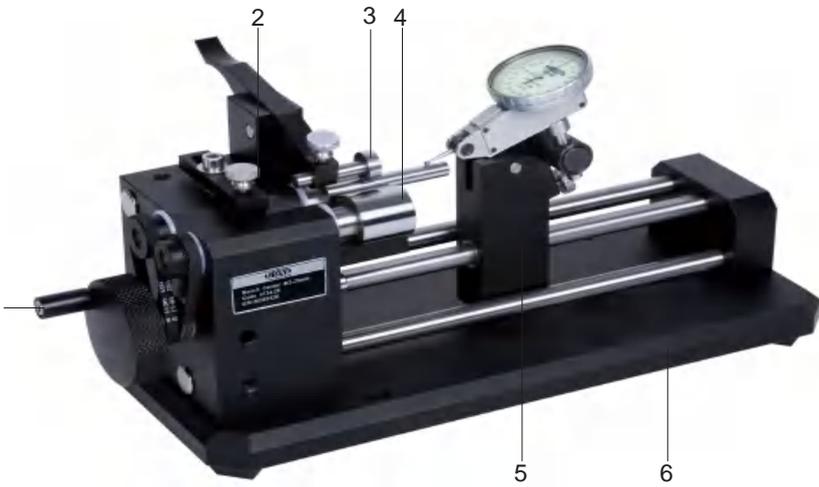


Code	Diameter Range	Accuracy
4734-25	3-25mm	2 μ m

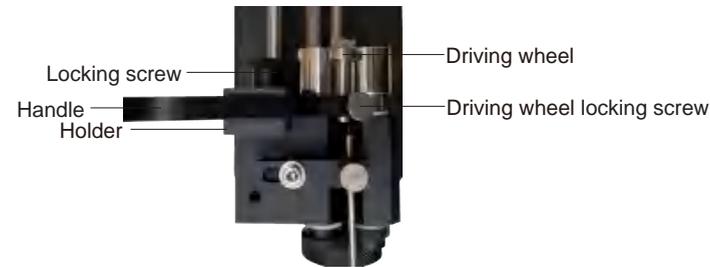


- 1-Hand-wheel
- 2-Press device
- 3-Driving wheel
- 4-Cylinder
- 5-Quick position indicator holder
- 6-Base
- 7-Standard pin gage

1. Concentricity gage is mainly used to measure cylindrical workpiece's roundness and concentricity.

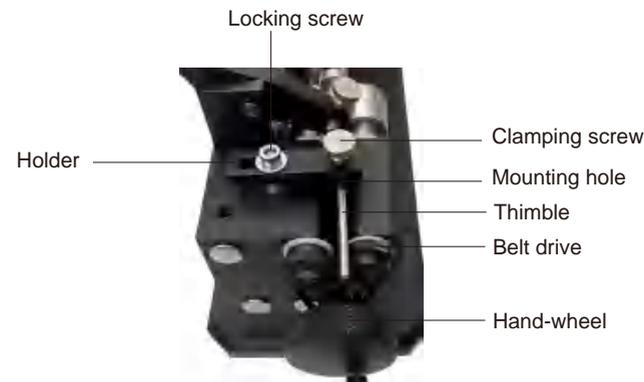
2. Description of each part:

Press device: Fix the workpiece with the driving wheel. The holder can be moved up and down, fix it by the locking screw. Driving wheel can be moved left and right, fix it by the driving wheel locking screws.

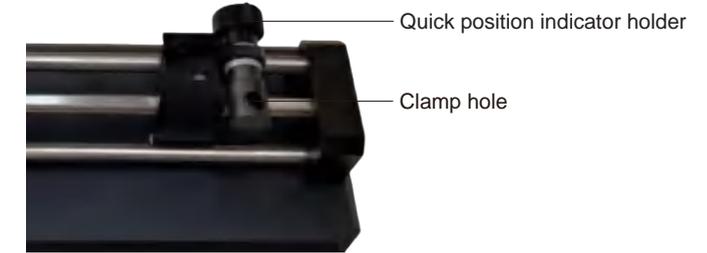


Thimble: Put it at the right end of the workpiece to prevent workpiece from moving right. Select appropriate mounting hole based on the workpiece and thimble can be moved left and right, fix it by clamping screw. Holder can also be moved up and down, fix it with hex wrench tightening the locking screw.

Hand-wheel: Move the workpiece by rotating hand-wheel.



Quick position indicator holder: Clamp the indicator to fix it. The indicator can quickly position on the guide rail based on the length of the measured workpiece



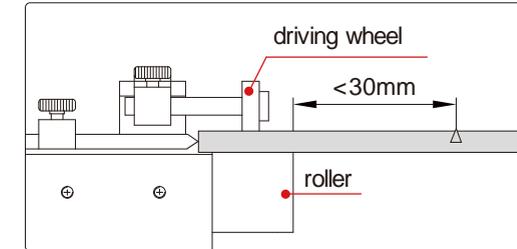
3. Measurement:

- When measuring, move the quick clamping device to the appropriate position according to the size of the workpiece.
- When measuring, it is necessary to clean faces of cylinder, driving wheel, workpiece
- Measure standard pin gage, cylinder accuracy <math>< 2\mu\text{m}</math>, remove pin gage, and then measure workpiece
- Dial test indicator should be prepressing, the direction of the measuring point is close the workpiece's axes as far as possible, rotate hand-wheel, get the result till the pointer is steady.

4. Notice:

- When clamping the workpiece, the distance between measuring point and roller should not be too long, the best control within 30mm.
- The moment that start to turn hand-wheel, the pointer of indicator is jumping. Get reading after the pointer is steady.
- Measuring faces should be carefully protected from being scratched or damaged. It should be oiled to prevent rust after use.

distance between measuring point and roller <math>< 30\text{mm}</math>



5. Optional accessory: Dial test indicator(code: 2880-02, 2880-02R).