

Instruments

SERIES 7 – Dial Thickness Gauges

- Dial thickness gauges can quickly measure the thickness of thin products such as paper and felt.
- Integrated moulding of the bezel and crystal ensures protection against water and oil penetration via the front face.

Tube thickness measurement type

- Pipe wall thickness and the thickness of curved boards can be measured.

Lens thickness measurement type

- Thickness of concave-convex lenses and surfaces can be measured.
- Anvils and contact points are interchangeable to enable concave surfaces to be measured.
- Provided with a ball point.

Groove depth measurement type

- Suitable for measuring narrow grooves.
- Measuring face of the contact point and anvil are blade-shaped (thickness: 1 mm).

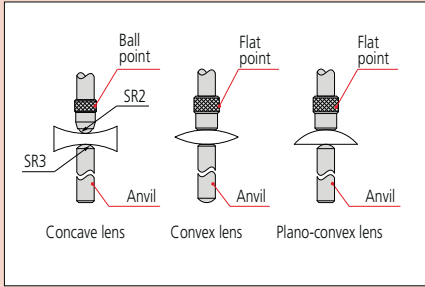


Measuring paper thickness.



Measuring thickness of a human hair.

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Lens thickness measurement application examples.
Note: Parallelism between the flat point and anvil is 5 µm.

Specifications

| Metric | | | | | |
|--|-----------|------------|----------|-----------------|--|
| Code No. | Range | Graduation | Accuracy | Measuring force | |
| Standard, ceramic plunger/anvil | | | | | |
| 7301 | 0 - 10 mm | 0.01 mm | ±15 µm | 1.4 N or less | |
| 7305 | 0 - 20 mm | | ±20 µm | 2.0 N or less | |
| Deep throat, ceramic plunger/anvil | | | | | |
| 7321 | 0 - 10 mm | 0.01 mm | ±15 µm | 1.4 N or less | |
| 7323 | 0 - 20 mm | | ±22 µm | 2.0 N or less | |
| Lens thickness | | | | | |
| 7313 | 0 - 10 mm | 0.01 mm | ±15 µm | 1.4 N or less | |
| Groove depth | | | | | |
| 7315 | 0 - 10 mm | 0.01 mm | ±15 µm | 1.4 N or less | |
| Tube thickness | | | | | |
| 7360 | 0 - 10 mm | 0.01 mm | ±15 µm | 1.4 N or less | |
| Inch | | | | | |
| Code No. | Range | Graduation | Accuracy | Measuring force | |
| Fine dial reading, ceramic plunger/anvil | | | | | |
| 7326S | 0 - .05" | .0001" | ±.0002" | 1.4 N or less | |
| Standard, ceramic plunger/anvil | | | | | |
| 7300S | 0 - .5" | .001" | ±.001" | 1.4 N or less | |
| 7304S | 0 - 1" | | ±.002" | 2.0 N or less | |
| Deep throat, ceramic plunger/anvil | | | | | |
| 7322S | 0 - 1" | .001" | ±.002" | 2.0 N or less | |
| Groove depth | | | | | |
| 7316S | 0 - .5" | .001" | ±.001" | 1.4 N or less | |
| Tube thickness | | | | | |
| 7361S | 0 - .5" | .001" | ±.001" | 1.4 N or less | |

Dimensions

