

# 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).

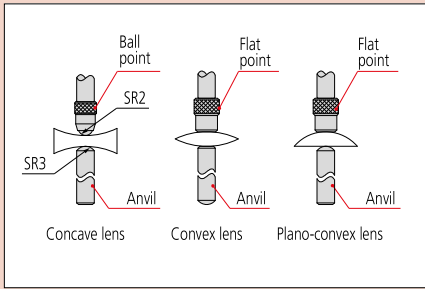


Measuring paper thickness.



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	Price
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	Price
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

