

# Special Type Test Indicators

## Super low measuring force E series

Lever dial gauge that is suitable for flaw-free measure of an object under measurement and for measurement of plastic products with a low measuring force.

A measuring force is 0.05N, 0.1N or less that is lower than a 0.4N measuring force in the conventional dial gauges. Specifications and outer dimensions are the same as those of standard PC and PCN types, except a measuring force.

### Without change lever type (CW rotation only)



**PCN-1AE**

Graduation: 0.01mm  
Range: 0.5mm

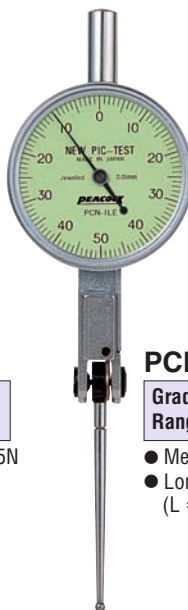
- Measuring force 0.05N



**PCN-1BE**

Graduation: 0.01mm  
Range: 0.8mm

- Measuring force 0.05N



**PCN-1LE**

Graduation: 0.01mm  
Range: 1.0mm

- Measuring force 0.05N
- Long contact point (L = 42.8mm)



**PCN-2E**

Graduation: 0.002mm  
Range: 0.28mm

- Measuring force 0.1N

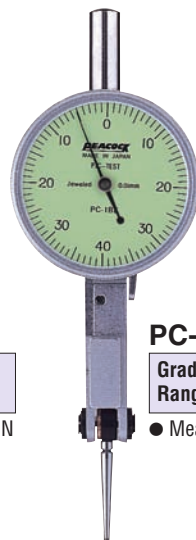
### Change lever type



**PC-1AE**

Graduation: 0.01mm  
Range: 0.5mm

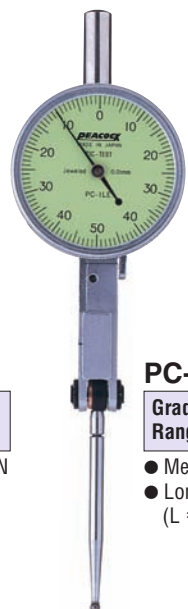
- Measuring force 0.1N



**PC-1BE**

Graduation: 0.01mm  
Range: 0.8mm

- Measuring force 0.1N



**PC-1LE**

Graduation: 0.01mm  
Range: 1.0mm

- Measuring force 0.1N
- Long contact point (L = 43.0mm)

### Specifications

Model	Graduation (mm)	Range (mm)	Reading	Accuracy (μm)			Measuring force less than(N)
				Wide-range forward accuracy	Adjacent error	Backward error	
PCN-1AE	0.01	0.5	0 - 25 - 0	5	5	3	0.05
PCN-1BE	0.01	0.8	0 - 40 - 0	8	5	3	0.05
PCN-1LE	0.01	1.0	0 - 50 - 0	10	5	4	0.05
PCN-2E	0.002	0.28	0 - 140 - 0	3	2	2	0.1
PC-1AE	0.01	0.5	0 - 25 - 0	5	5	3	0.1
PC-1BE	0.01	0.8	0 - 40 - 0	8	5	3	0.1
PC-1LE	0.01	1.0	0 - 50 - 0	10	5	4	0.1