

Thickness Gages 57B Bench Style



57B-12

Features

- Solid casting with ribbed frame provides strength and rigidity for accurate measurements.
- Gage is furnished with a lift lever so work can be easily placed between the contacts.
- Large 54 mm/ 2.125" diameter lower anvil provides convenient stage for small parts or flat materials.
- 4.75 mm/ .187" diameter radiused upper contact normally provided.
- 102 mm/ 4" throat depth for part clearance.
- Indicator mounts with adjustable back for quick positioning for each gaging requirement.
- Available with Dial Indicator or Digital Electronic Indicator.

Technical Data

Metric	Order no.	Inch	Capacity	Description
57B-11M	57B-11		0-25 mm/ 0-1"	Dial Indicator readout with 25 mm/ 1" sensitive range and .01mm/.001"grads.
	XLI-57B-11			μMaxμm® XL Digital Indicator with 25 mm/ 1" range and .001mm/ .00005" resolution (Model XLI-50002).
	EMD-57B-11		0-21.5 mm/ 0-.85"	Maxμm/// Digital Indicator with selectable range and resolution, 2033101.
	EDI-57B-11			μMaxμm Digital Indicator with 2 mm/ .08" sensitive range, .0005 mm/ .00002" resolution (Model EDI-20101).
57B-12M	57B-12		0-12.5mm/ 0-.5"	Dial Indicator readout with 12.50 mm/ .50" sensitive range and .01 mm/ .0005" grads.
	XLI-57B-12			μMaxμm® XL Digital Indicator with 12.50 mm/ .50" range and .001 mm/ .00005" resolution (Model XLI-10002).

*Alternate Indicators and contact points available upon request.
Contact Mahr Federal.*

Wire Insulation Thickness Gages 57B

For checking wall thickness of wire insulation and other small-diameter tubular parts



B-13

Features

- Using the basic design of the Model 57B-13 (Model 57B-13M – Metric) Gage, the lower contact is PT-103, 1.10mm/ .0432 diameter rod, mounted horizontally. The upper radiused contact is a chisel contact, in line with the rod. By slipping tubular parts onto the lower contact, the gage can measure the thickness of the wall of the tube. A 10 gram auxiliary weight (WT-3) on the Indicator provides a total dead-load weight of 25 grams. (Replacement lower rod: PS-43)

Technical Data

Metric	Order no.		Capacity	Description
	Inch			
57B-13M	57B-13		0-2.5 mm/ 0-.10"	Dial Indicator readout with 7.6mm/ .30" sensitive range and 0.01 mm/ .0005" grads.
	XLI-57B-13			μMaxμm® XL Digital Indicator with 25mm/ 1" range and 0.001 mm/ .00005" resolution (Model XLI-50002).

Options

PT-2245	0.050 mm/ .02" diameter Pin, Lower Contact Assembly
PS-225	Replacement Lower Rod only

Measuring Compressible Materials

Compressible materials such as paper, plastics, rubber or fabrics must be measured under controlled conditions. Many materials have measurement standards specified by A.S.T.M., U.L., or other industry standards organizations. Measurement standards specify dead load weight, upper and lower contact configurations, and Indicator resolution.

Series 57B Gages are easily modified to meet most of these industry standards. Mahr Federal has on file designs for the measurement of paper, latex foam rubber, sponge rubber, vulcanized rubber, asbestos tape and cloth, sheet and roll felt, and many other materials. When inquiring, specify A.S.T.M. Specification Number, if possible.

