

elcometer® **101 Coating Thickness Gauge**



The Elcometer 101 was the world's first portable coating thickness gauge, first produced in 1947 and still has some advantages over other gauges

- Insensitive to hot and cold surfaces- ideal for hot sprayed metal coatings
- Incorporates reading hold feature
- Accuracy of better than $\pm 10\%$
- Ideal for hazardous areas

Technical Specifications

Minimum Substrate Thickness	1.5mm
Minimum diameter for measurement on bar material	25mm
Accuracy	Better than ± 10 of the reading or $\pm 2.5\mu\text{m}$ whichever is the greater
Operating Plane	90° to substrate
Minimum Measurement Area	38 x 15mm

Part Numbers

Model	Description	Range μm	Part Number
Elcometer 101/02A	Elcometer 101 Mechanical Coating Thickness Gauge	0 - 50	A101A-02A
Elcometer 101/05A	Elcometer 101 Mechanical Coating Thickness Gauge	0 - 250	A101A-05A
Elcometer 101/01A	Elcometer 101 Mechanical Coating Thickness Gauge	0 - 600	A101A-01A
Elcometer 101/15A	Elcometer 101 Mechanical Coating Thickness Gauge	0 - 9000	A101A-15A

Test Method

The two chromed spherical contacts at the base of the instrument are placed on the coating to be measured and the thickness read on the scale.

The point locking device holds the indicated reading for as long as required

