



elcometer® 211 Mechanical Coating Thickness Gauge

Can be used in accordance with Test Methods : ASTM D 1186, ASTM G 12, ASTM B 499, BS5411 Part 11, BS390 Part C5, ISO2178, SSC-PA2, DIN 50981



Coating thickness gauges are used in maintenance and periodical inspection as well as during the coating process.

The Elcometer mechanical magnetic coating thickness gauges require no batteries, are metal cased and are very compact making these gauges ideal for general quality control use, in factories, workshops, on-site and in hazardous areas.

The Elcometer 211, commonly referred to as the “Banana Gauge”, has proven to be a successful coating thickness gauge where the use of electronic instruments is difficult for example, inflammable atmospheres in oil & gas production. Six scale ranges are also available for total versatility.

Features

- **Can be Used Underwater**
- Accuracy +/- 5% or 2.5 mic
- Use in any plane through 360°
- Pre-calibrated but adjustable
- **Can be used in hazardous areas**
- Small, portable and supplied with soft leather pouch
- Single handed use
- Can also be used on very cold surfaces.

Operation

Hold the instrument against the test surface. The knurled thumbwheel is pushed forward so that the magnet makes contact with the surface. The thumbwheel is then slowly rotated clockwise until the magnet pulls off, a click is heard and the indicator pops up. The thickness value is now indicated.

Specifications

Accuracy	±5% of the reading or ±2.5µm whichever is the greater
Minimum substrate thickness	0.4mm
Minimum area of measurement	30mm
Minimum diameter for measurement on bar material	20mm
Edge Effects	Must be at least 6mm from edge
Dimensions	200 x 60 x 30mm
Weight	290g

Part Numbers

A211F--1M	Elcometer 211 Scale 1M, 0 - 1000µm
A211F--2M	Elcometer 211 Scale 2M, 0.25 – 1.8mm
A211F--8M	Elcometer 211 Scale 8M, 0.65 – 6mm
A211F--1E	Elcometer 211 Scale 1E, 0 - 40mils
A211F--2E	Elcometer 211 Scale 2E, 10 – 70mils
A211F--8E	Elcometer 211 Scale 8E, 25 - 250mils

Shipping List: Elcometer 211, Soft Hide Carrying Pouch, Calibration Foils, Security Wrist Harness and Instruction Card.