

## Elcometer 211 Mechanical Coating Thickness Gauge

The Elcometer 211, commonly referred to as the “Banana Gauge”, is a Type I dry film thickness gauge which is not only ideal for use in environments where the use of electronic instruments is difficult, e.g. inflammable atmospheres in oil and gas production, but can also be used for underwater\* coating inspection.

This is one of the most popular mechanical gauges in the world.

- Factory calibrated - with user calibration adjustment
- Foils supplied to check calibration on site
- Ideal for cold surfaces and underwater use
- Small and portable with an accuracy  $\pm 5\%$
- The “V” grooved base, ideal for pipeline inspection
- Available in either Metric or Imperial versions, the Elcometer 211 measures coatings up to 6mm (250mils).



### STANDARDS:

AS 2331.1.3, AS 3894.3-A, ASTM G 12, ASTM B 499, AS/NZS 1580.108.1, BS 5411-11, BS 3900-C5-6A, DIN 50981, ISO 2178, ISO 2808-6A, ISO 2808-7A, JIS K 5600-1-7, NF T 30-124, SSPC-PA2

### Technical Specification

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| Part Number          | Description   | Range            | Certificate |
|----------------------|---|------------------|-------------|
| A211F--1M            | Elcometer 211 Coating Thickness Gauge   | 0 - 1000 $\mu$ m | ○           |
| A211F--8M            | Elcometer 211 Coating Thickness Gauge   | 0.65 - 6mm       | ○           |
| A211F--1E            | Elcometer 211 Coating Thickness Gauge   | 0 - 40mils       | ○           |
| A211F--8E            | Elcometer 211 Coating Thickness Gauge   | 25 - 250mils     | ○           |
| Accuracy             | $\pm 5\%$ of the reading or $\pm 2.5\mu\text{m}/0.1\text{mil}$ (whichever is the greater) |                  |             |
| Substrate Thickness  | 0.4mm (16mils) minimum  |                  |             |
| Measurement Area     | 30mm (1.18") Diameter minimum   |                  |             |
| Measurement Diameter | 20mm (0.8") minimum   |                  |             |
| Edge Effects         | Must be at least 6mm (0.24") from edge  |                  |             |
| Dimensions           | 200 x 60 x 30mm (7.8 x 2.4 x 1.2")  |                  |             |
| Packing List         | Elcometer 211, calibration foil set, carry pouch, wrist strap and operating instructions  |                  |             |

○ Optional Calibration Certificate available.

\* Underwater use voids the warranty and users should replace the gauges periodically