

## Elcometer Structural Steel Coatings Inspection Kit

Featuring Elcometer's top-of-the-range inspection gauges, the Elcometer Structural Steel Coatings Inspection Kit has been specifically designed to undertake the three principal inspection requirements when applying intumescent and other structural steel coatings – climate, wet film and dry film thickness. It can be used in combination with other Elcometer inspection products covering surface profile, adhesion and porosity (available separately).

Ideal for 'paperless' quality assurance systems the kits come complete with ElcoMaster® Data Management Software for professional reporting and analysis.



Two inspection kits are available for coatings applied on ferrous substrates:

- Elcometer Structural Steel Kit 1: FTS & F1S  
Utilising a scale 1 standard straight probe for dry film measurement on coatings 0 - 1,500 µm and wet film combs to measure 25 - 3,000 µm and 3,000 - 8,750 µm.
- Elcometer Structural Steel Kit 2: FTS & F1U  
Utilising a scale 1 scan probe for faster dry film measurement on coatings 0-1,500 µm and wet film combs to measure 25 - 3,000 µm and 3,000 - 8,750 µm.

Measurement parameters include:

- Climatic conditions
- Wet & Dry Film Coating thickness

### STANDARDS:

AS 2331.1.4, AS 3894.3-B, AS/NZS 1580.108.1, ASTM B 244, ASTM B 499, ASTM D 1186-B, ASTM D 1400, ASTM D 7091, ASTM E 376, ASTM G 12, BS 3900-C5-6B, BS 3900-C5-6A, BS 5411-11, BS 5411-3, BS 5599, DIN 50981, DIN 50984, ECCA T1, EN 13523-1, IMO MSC.215(82), IMO MSC.244 (83), ISO 1461, ISO 19840, ISO 2063, ISO 2178, ISO 2360, ISO 2808-6A, ISO 2808-6B, ISO 2808-7C, ISO 2808-7D, ISO 2808-12, JIS K 5600-1-7, NF T30-124, SS 184159, SSPC PA 2, US Navy PPI 63101-000, US Navy NSI 009-32

BS 7079-B4, ISO 8502-4

ASTM D 4414-A, AS/NZS 1580.107.3, BS 3900-C5-7B, ISO 2808-1A, ISO 2808-7B, JIS K 5600-1-7, NF T30-125

Standards in grey have been superseded but are still recognised in some industries.

### Contents Elcometer Structural Steel Kit 1: FTS & F1S

Model	Description	Part
Elcometer 319	Elcometer 319 Top Dewpoint Meter	G319----T
Elcometer 456	Elcometer 456 F Top Separate DFT Gauge	A456CFTS
Elcometer 456 (Straight Probe - Scale 1)	Elcometer 456: F1 Standard Probe, 0-1500µm/0-60mils	T456CF1S
Elcometer 112	Elcometer 112 Hexagonal Wet Film Comb: 25-3000µm	B112----1B
Elcometer 112	Elcometer 112 Hexagonal Wet Film Comb: 3000-8750µm	B112----3B

### Contents Elcometer Structural Steel Kit 2: FTS & F1U

Model	Description	Part
Elcometer 319	Elcometer 319 Top Dewpoint Meter	G319----T
Elcometer 456	Elcometer 456 F Top Separate DFT Gauge	A456CFTS
Elcometer 456 (Scan Probe - Scale 1)	Elcometer 456: F1 Scan Probe, 0-1500µm/0-60mils	T456CF1U
Elcometer 112	Elcometer 112 Hexagonal Wet Film Comb: 25-3000µm	B112----1B
Elcometer 112	Elcometer 112 Hexagonal Wet Film Comb: 3000-8750µm	B112----3B

### Technical Specification

Part Number	Description
YKIT-STRUCTURAL-F1S	Elcometer Structural Steel Kit 1: FTS & F1S
YKIT-STRUCTURAL-F1U	Elcometer Structural Steel Kit 2: FTS & F1U

### Accessories

Part Number	Description	Dry film thickness Substrate Probe:
T456CF2S	Elcometer 456 Coating Thickness Gauge Straight Probe - Scale 2	Ferrous (F) Probes Range: 0-5mm, 0-200mils
T456CF3S	Elcometer 456 Coating Thickness Gauge Straight Probe - Scale 3	Ferrous (F) Probes Range: 0-13mm, 0-500mils