

## Elcometer Protective Coatings Inspection Kits



Inspection Kit 1

The Elcometer range of Protective Coatings Inspection Kits provide all the tools required for onsite inspection of a coating, including surface profile, dewpoint, relative humidity and both wet and dry film thickness.

All four kits are available as metric or imperial kits, with or without and Elcometer 456 Digital Coating Thickness Gauge and are invaluable to the operator in the field to ensure the coating is, or has been, applied correctly and is fit for purpose, removing the need for guesswork.

Each kit contains a combination of the following Elcometer instruments:

### Coating Inspection Kits

Site inspection requires a range of portable testing equipment. In order to make these products easily available and portable, Elcometer have developed a range of Coating Inspection Kits.

All the gauges are conveniently stored in one hard plastic protective carrying case and are supplied with full operating instructions.



Inspection Kit 2

- **Elcometer 124 Thickness Gauge and Testex Tape:**  
The Elcometer 124 Thickness Gauge is used to measure the peak-to-valley height of a surface profile formed in the Elcometer 122 Testex Tape.
- **Elcometer 116C Sling Hygrometer:**  
A convenient, self contained instrument with an inbuilt slide rule for the calculation of %RH and dewpoint.
- **Elcometer 212 Digital Pocket Thermometer with Surface Probe:**  
Designed to cope with routine day to day use, the Elcometer 212 takes fast, accurate measurements.
- **Elcometer 224 Digital Surface Profile Gauge:**  
A digital alternative to the Elcometer 124 and Testex Tape, ideal for quality checking the surface profile. The Elcometer 224 S supplied with Standard Kit 3 & 4, displays statistical values as readings are taken. The Elcometer 224 T supplied with Top Kit 3 & 4, has the advantage of a large built-in memory to accurately record each measurement and offers Bluetooth® wireless technology for cable free data transfer. Data can be downloaded to a PC and using ElcoMaster™ Software, detailed reports can be created in seconds.
- **Elcometer 319 Dewpoint Meter:**  
The Elcometer 319 has been designed to incorporate all the features required for climate condition monitoring in a single gauge with memory and measurement options which make this one of the most versatile digital dewpoint meters available. The Top version of Kits 3 & 4 contains the Elcometer 319 Top, which has a large inbuilt memory to accurately record each measurement, storing up to 25,000 sets of readings in 999 batches. It also offers USB data output and Bluetooth® wireless technology for cable free data transfer. Used in conjunction with ElcoMaster™ software readings can be stored and used to create professional reports.



Inspection Kit 3

- **Elcometer 112 Hexagonal Wet Film:**  
Precision formed in stainless steel to be long-lasting and reusable, with a measuring range of 25 - 3000µm (1 – 120 mils), this hexagonal wet film combs provides a quick and easy method of measuring wet film thickness.
- **Elcometer 115 Wet Film Combs:**  
Four precision formed, stainless steel wet film combs with measuring ranges starting from 25µm (1mils) up to 1270µm (50mils).
- **Elcometer 107 Cross Hatch Cutter and Adhesive Tape:**  
Supplied with ISO 2409 or ASTM D 3359 adhesive tape, the Elcometer 107 provides an instant assessment of the quality of the bond to the substrate. Due to its rugged construction, this gauge is ideal for thin, thick or tough coatings on all surfaces.
- **Elcometer 456 Ferrous Digital Coating Thickness Gauge:**  
With its advanced menu structures and the introduction of Bluetooth® wireless technology<sup>1</sup> for cable free data transfer, the Elcometer 456 is one of the most advanced coating thickness gauges available.

<sup>1</sup> Bluetooth® available on Standard and Top Models only

Part Number		Description
Metric Kit	Imperial Kit	
YKITPROTECTIVE-1M <sup>2</sup>	YKITPROTECTIVE-1E <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 1 with Elcometer 456
YKITPROTECTIVE-2M <sup>2</sup>	YKITPROTECTIVE-2E <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 2 with Elcometer 456
YKITPROTECTIVE-3SM <sup>2</sup>	YKITPROTECTIVE-3SE <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 3 Standard with Elcometer 456
YKITPROTECTIVE-3TM <sup>2</sup>	YKITPROTECTIVE-3TE <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 3 Top with Elcometer 456
YKITPROTECTIVE-4SM <sup>2</sup>	YKITPROTECTIVE-4SE <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 4 Standard with Elcometer 456
YKITPROTECTIVE-4TM <sup>2</sup>	YKITPROTECTIVE-4TE <sup>2</sup>	Elcometer Protective Coatings Inspection Kit 4 Top with Elcometer 456
<b>Packing List:</b> <ul style="list-style-type: none"> <li><b>Kit 1</b> <ul style="list-style-type: none"> <li>▪ Elcometer 124 Thickness Gauge with one roll of Coarse and X-Coarse Testex Tape</li> <li>▪ Elcometer 116C Sling Hygrometer<sup>3</sup></li> <li>▪ Elcometer 212 Digital Pocket Thermometer with Surface Probe<sup>3</sup></li> <li>▪ Elcometer 112 Hexagonal Wet Film (25 - 3000µm or 1 – 120mils)</li> <li>▪ Elcometer 456 Ferrous Basic Integral Coating Thickness Gauge, Scale 1 (0 – 1500µm / 0 – 60mils)</li> </ul> </li> <li><b>Kit 2</b> <ul style="list-style-type: none"> <li>▪ Elcometer 124 Thickness Gauge with one roll of Coarse and X-Coarse Testex Tape</li> <li>▪ Elcometer 116C Sling Hygrometer<sup>3</sup></li> <li>▪ Elcometer 212 Digital Pocket Thermometer with Surface Probe<sup>3</sup></li> <li>▪ Elcometer 112 Hexagonal Wet Film (25 - 3000µm or 1 – 120mils)</li> <li>▪ Elcometer 107 Cross Hatch Cutter                             <ul style="list-style-type: none"> <li>Metric Kit: 6 x 2mm cutter and ISO 2409 Adhesive Tape (1 roll)</li> <li>Imperial Kit: 6 x 1mm cutter and ASTM D 3359 Adhesive Tape (1 roll)</li> </ul> </li> <li>▪ Elcometer 456 Ferrous Standard Integral Coating Thickness Gauge with <i>Bluetooth</i><sup>®</sup>, Scale 1 (0 – 1500µm / 0 – 60mils) &amp; ElcoMaster™ Software</li> </ul> </li> <li><b>Kit 3</b> <ul style="list-style-type: none"> <li>▪ Elcometer 124 Thickness Gauge with one roll of Coarse and X-Coarse Testex Tape</li> <li>▪ Elcometer 224 S Digital Surface Profile Gauge (Standard Kit 3 Only)</li> <li>▪ Elcometer 224 T Digital Surface Profile Gauge with <i>Bluetooth</i><sup>®</sup> (Top Kit 3 Only)</li> <li>▪ Elcometer 319 Standard Dewpoint Meter (Standard Kit 3 Only)</li> <li>▪ Elcometer 319 Top Dewpoint Meter with <i>Bluetooth</i><sup>®</sup> and USB Cable (Top Kit 3 Only)</li> <li>▪ Elcometer 112 Hexagonal Wet Film (25 - 3000µm or 1 – 120mils)</li> <li>▪ Elcometer 107 Cross Hatch Cutter                             <ul style="list-style-type: none"> <li>Metric Kit: 6 x 2mm cutter and ISO 2409 Adhesive Tape (1 roll)</li> <li>Imperial Kit: 6 x 1mm cutter and ASTM D 3359 Adhesive Tape (1 roll)</li> </ul> </li> <li>▪ Elcometer 456 Ferrous Standard Coating Thickness Gauge with <i>Bluetooth</i><sup>®</sup>, Ferrous Scale 1 Standard Probe (0 – 1500µm / 0 – 60mils) &amp; ElcoMaster™ Software</li> </ul> </li> <li><b>Kit 4</b> <ul style="list-style-type: none"> <li>▪ Elcometer 224 S Digital Surface Profile Gauge (Standard Kit 4 Only)</li> <li>▪ Elcometer 224 T Digital Surface Profile Gauge with <i>Bluetooth</i><sup>®</sup> (Top Kit 4 Only)</li> <li>▪ Elcometer 319 Standard Dewpoint Meter (Standard Kit 4 Only)</li> <li>▪ Elcometer 319 Top Dewpoint Meter with <i>Bluetooth</i><sup>®</sup> and USB Cable (Top Kit 4 Only)</li> <li>▪ Elcometer 115 Wet Film Comb; one of each of the following scales                             <ul style="list-style-type: none"> <li>Scale 1: 25-300µm (1-13mils), Scale 2: 51-457µm (2-18mils)</li> <li>Scale 3 : 51-762µm (2-30mils), Scale 4 : 124-1270µm (5-50mils)</li> </ul> </li> <li>▪ Elcometer 107 Cross Hatch Cutter                             <ul style="list-style-type: none"> <li>Metric Kit: 6 x 2mm cutter and ISO 2409 Adhesive Tape (1 roll)</li> <li>Imperial Kit: 6 x 1mm cutter and ASTM D 3359 Adhesive Tape (1 roll)</li> </ul> </li> <li>▪ Elcometer 456 Dual FNF Top Coating Thickness Gauge with <i>Bluetooth</i><sup>®</sup>, FNF Scale 1 Standard Probe (0 – 1500µm / 0 – 60mils) &amp; ElcoMaster™ Software</li> </ul> </li> </ul>		

<sup>2</sup> Add "Z" to the end of the sales part number for the same kit without the Elcometer 456 gauge specified above.  
<sup>3</sup> Metric Kits supplied with Celsius version; Imperial Kits supplied with Fahrenheit version

## Consumable Items

Part Number	Description
E122----B <sup>4</sup>	Testex Tape: Coarse, 1 Roll
E122----C <sup>4</sup>	Testex Tape: X-Coarse, 1 Roll
T1164480-	Elcometer 116C Wicks, Pack of 4
T9999358-	ISO 2409 Adhesive Tape, 2 Rolls
T1078894-	ASTM D 3359 Adhesive Tape, 2 Rolls
K0001539M002	ISO 2409 Adhesive Tape, 1 Roll
K0001539M001	ASTM D 3359 Adhesive Tape, 1 Roll
T22420053	Elcometer 224 Replacement Tip, Pack of 2 with Fixing Tool
T22420054	Elcometer 224 Replacement Tip, Pack of 2
T22420095	Elcometer 224 Replacement Tip, Pack of 5

<sup>41</sup> Quantity discounts available, Please contact Elcometer for further information

## Spares / Accessories

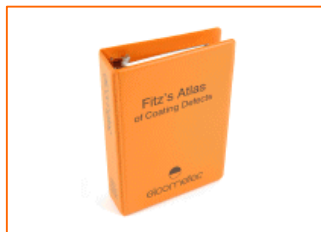
Part Number	Description
T1164478-	Elcometer 116C Thermometer, Celsius
T1164479-	Elcometer 116C Thermometer, Fahrenheit
T10713700-4	Elcometer 107 Cutter, 6 x 2mm ISO
T10713700-1	Elcometer 107 Cutter, 6 x 1mm ASTM
T22419793	Elcometer 224 Tip Protection Cap
T22420072	Elcometer 224 Glass Zero Plate with Wallet
T31920162	Elcometer 319 Magnetic Surface Probe
T9996390-	Elcometer 319 Liquid Temperature Probe
T31921325	Elcometer 319 USB Cable
T99916063	Elcometer 319 Wrist Strap
T9904199S	2% Nominal Foil Set, 4 Foils – 50, 125, 500, & 1000µm (2, 5, 20 & 40mils)
T99920130	USB <i>Bluetooth</i> <sup>®</sup> Transmitter / Receiver

## Related Products



Elcometer 128

**Elcometer 128 Pictorial Surface Standards:**  
A comprehensive range of visual standards for surface cleanliness.



Elcometer Fitz's Atlas

**Elcometer Fitz's Atlas of Coating Defects (EFA):**  
Lists a comprehensive range of problems and discusses each in detail, providing the user with a greater understanding of the defect, probable cause and possible solutions.



Elcometer 106

**Elcometer 106 Pull-Off Adhesion Tester:**  
Easy to operate and fully portable instrument which provides a numerical value for adhesion. Applications include paint or plasma spray on bridge decking, coatings on steel, aluminium, concrete, etc

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