

## Elcometer 142

## ISO 8502-3 Dust Tape Test Kit



The Elcometer 142 Dust Tape Test kit allows assessment of the quantity and size of dust particles on surfaces prepared for painting. Dust on blast cleaned surfaces can reduce coating adhesion, leading to premature coating failure and sub-standard coating finish.

Used in conjunction with the Elcometer 145 Dust Tape Roller the kit can be used in accordance with the recommendations of BS EN ISO 8502-3 either as a pass/fail test or as a permanent record of the presence of dust. Supplied in a carry case for use in the field to assess surface cleanliness.

### STANDARDS:

AS3894.6-C, IMO MSC.215 (82),  
IMO MSC.244 (83), ISO 8502-3,  
US Navy PPI 63101-000

### Technical Specification

| Part Number     | Description  |        |            |
|-----------------|--|--------|------------|
| E142----1       | Elcometer 142 ISO 8502-3 Dust Tape Test Kit  |        |            |
| Measuring Range | Chart with dust classes ranging from 0 - 5 with descriptions for accurate class placement  |        |            |
| Dimensions      | 210 x 297mm (8.27 x 11.69")  | Weight | 250g (9oz) |
| Packing List    | Microscope with 10x magnifier, 2 batteries (LR14), graticule, adhesive tape to specification ISO 8502-3, comparator display board, dust assessment plate, test record sheets (pack of 25) and operating instructions |        |            |

### Accessories

|           |                           |
|-----------|---------------------------|
| T14219451 | Test Record Sheet         |
| T14219454 | Display Board             |
| T14223003 | Adhesive Tape 1 Roll Pack |
| T14219525 | Dust Assessment Plate     |

## Elcometer 145

## Dust Tape Roller



The Elcometer 145 Dust Tape Roller is used in conjunction with the Elcometer 142 Dust Tape Test kit to assess the quantity and size of dust particles on surfaces prepared for painting.

The Dust Tape Roller presses the Elcometer 142 Dust Tape to the surface using a controlled constant force as required by BS EN ISO 8502-3 (BS 7079-B3:1993).

### Technical Specification

| Part Number  | Description  |        |               |
|--------------|--|--------|---------------|
| E145----1    | Elcometer 145 Dust Tape Roller                                 |        |               |
| Load Exerted | 39.2 to 49.0 N, (8.8 and 11.0 lbF) when spring fully depressed |        |               |
| Dimensions   | 160 x 70 x 110mm (6.3 x 2.76 x 4.33")                          | Weight | 615g (21.7oz) |