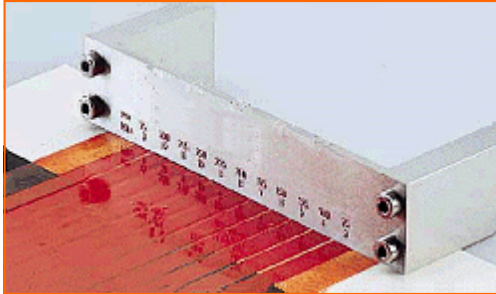


# Elcometer 4270 Sag Tester



Elcometer 4270 Sag Tester

### Elcometer 4270 Sag Tester

Made of stainless steel, the straight scraper has 10 adjacent notches of increasing clearance. The Elcometer 4270 Sag Tester is used to establish the coatings resistance to sag due to gravity.

After the product has been spread, the contrast chart is immediately placed in vertical position with the thinnest film at the top. The thickness at which the strips join indicates the tendency to sag.

### At a glance

- Used to establish a coatings resistance to sagging due to gravity
- Stainless Steel.
- Straight scraper with 10 adjacent notches of increasing clearance.
- Where the strips join indicates the tendency to sag.

|  |
|--|
| <b>Can be used in accordance with:</b> |
| FTMS 141A METHOD 4494                  |

### Viscosity

The extent to which a liquid resists a tendency to flow is defined as viscosity. In the coatings industry, this behaviour is one of the key parameters.

Elcometer manufactures and supplies a wide range of viscosity gauges from flow cups and dip cups to rotational and cone and plate viscometers

Flow Cups: The process of flow through an orifice can often be used as a relative measurement and classification of viscosity. This measured kinematic viscosity is generally expressed in seconds of flow time which can be converted into Centistokes using a viscosity disc calculator.

Dip Cups: Using the same principle to the flow cups, dip cups – Frikmar, Zahn, Shell, etc – can be used to provide a quick viscosity measurement on the shop floor or on site

Rotational: Rotational viscometers are used to determine the viscosity of liquids which do not depend solely on temperature and pressure. The behaviour of non-Newtonian liquids can be determined using a range of rotational viscometers in particular the Cone & Plate viscometers.

| Model               | Description   | Range    |         | Part Number  |              |
|---------------------|---|----------|---------|--------------|--------------|
|                     |   | µm       | mils    | Metric       | Imperial     |
| Elcometer 4270/1    | 4270 Sag Tester   | 75-300   | 3 -12   | K0004270M001 | K0US4270M001 |
| Elcometer 4270/2    | 4270 Sag Tester   | 25-150   | 1 - 6   | K0004270M002 | K0US4270M002 |
| Elcometer 4270/3    | 4270 Sag Tester   | 350-1500 | 14 - 60 | K0004270M203 | K0US4270M203 |
| Elcometer 4270/4    | 4270 Sag Tester   | 100-600  | 4 - 24  | K0004270M204 | K0US4270M204 |
| <b>Packing List</b> | Elcometer Sag/Levelling Tester, Storage case & Operating instructions |          |         |              |              |

## Related products



Leneta Test Charts

Elcometer supply a wide range of Leneta Test Charts, from plain white to those having different patterns of black and white. Produced from high quality, non-fluorescent paper, free of optical brighteners that may affect colour measurements, Leneta Test Charts are the market standard in today's coatings industry.



Elcometer 4290

This film applicator has four spreading edges to form and allows the simultaneous application of several stripes of film of increasing thickness.



Elcometer 4280

This dual Levelling and Sag Tester combines the Elcometer 4260 and the Elcometer 4270 into one gauge.

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