

Cross Hatch Adhesion Tester

a measurable difference...

Model: 1542

IDM[®]
instruments

The Elcometer 1542 is ideal for measuring the cross hatch adhesion of coatings up to 250µm (9.8mils) on flat surfaces and test panels. Measure on large or small panels by quickly changing the position of the guide wheel using the hexagonal wrench provided.

The Elcometer 1542 is available with three different cutter spacing (1, 2 & 3mm) for a range of coating thickness. Each cutter wheel consists of 8 cutting faces. When one face becomes worn, rotate the cutting wheel to the next face.

Advanced Kits which include all three (1, 2 & 3mm) cross hatch adhesion testers, together with either ISO or ASTM adhesive tape.



Applications:

- Flexible Packaging
- Ink / Printing
- Coatings
- Composites

Standards:

- AS 3894.9
- AS 1580.408.4
- ASTM D3359-B
- BS 3900-E6
- ECCA T6
- EN 13523-6
- ISO 2409
- ISO 16276-2
- JIS K 5600-5-6
- NF T30-038

The 1542 Advanced Cross Hatch Test Kit includes:

- 3 x Elcometer 1542 Cross Hatch Testers (1, 2 & 3mm)
- Cutter angle adjustment tool
- Hexagonal wrench
- Brush
- Magnifier (x10), ISO or ASTM adhesive tape
- Transit case
- User guide

ORDER CODE	DESCRIPTION	CUTTER TYPE	COATING THICKNESS	
K1542m204-i	Elcometer 1542 Adv. Kit – ISO Tape	6 x 1, 2, 3mm	0 - 250µm	0 – 9.8mils
K1542m204-a	Elcometer 1542 Adv. Kit – ASTM Tape	6 x 1, 2, 3mm	0 - 250µm	0 – 9.8mils