

elcometer® 107 Cross Hatch Cutter Kits

Can be used in accordance with ISO 8780-5, ISO 787/16, ASTM D387, ASTM D332, NFT 30 023

The coating may be continuous and look good, but how well is it connected to the substrate? The Elcometer 107 Cross Hatch Cutter 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 flat or curved surfaces. An ideal field or laboratory test.



- Low Cost
- Robust Design
- Easy to change cutters
- Large, non slip grip
- Ideal for thick or hard coatings
- Large selection of cutters, each with four cutting faces



At a glance

- Ideal for thin, thick or tough coatings
- Available as a basic or a full kit
- ASTM & ISO versions available.

Technical Specifications

SELECTING THE APPROPRIATE TEST KIT

Cutter Type	Number of Teeth	Part Number		
		Full Kit with ISO Tape	Full Kit with ASTM Tape	Basic Kit
1mm	6	F10713348-6	F10713348-1	F10713222-1
1mm	11	-	F10713348-2	F10713222-2
1.5mm	11	-	-	F10713222-3
2mm	6	F10713348-9	F10713348-4	F10713222-4
3mm	6	-	-	F10713222-5

Part Numbers

SELECTING THE APPROPRIATE ELCOMETER 107 CUTTER

Coating Thickness	Substrate Type	Teeth	Spacing	Test Method	Part Number
0 - 50 µm	Metal	11	1mm	ASTM D3359B	T10713700-2
0 - 60 µm	Hard	6	1mm	BS EN ISO 2409	T10713700-1
0 - 60 µm	Medium	11	1.5mm	-	T10713700-3
0 - 60 µm	Soft	6	2mm	BS EN ISO 2409	T10713700-4
50 - 125 µm	Hard and Soft	6	2mm	ASTM D3559B	T10713700-4
61 - 120 µm	Hard and Soft	6	2mm	BS EN ISO 2409	T10713700-4
125 - 250 µm	Hard and Soft	6	3mm	Quick Check Only	T10713700-5

Accessories	ASTM D3359 Adhesive Tape (2 rolls) – use at a Pull Angle of 180 deg	T1078894-
	ASTM D3359 Adhesive Tape (1 roll) – use at a Pull Angle of 180 deg	K0001542M001
	ISO 2409 Adhesive Tape (2 rolls) – use at a Pull Angle of 60 deg	T9999358-
	ISO 2409 Adhesive Tape (1 rolls) – use at a Pull Angle of 60 deg	K0001542M002

Packing List	Basic Kit: Cross Hatch Cutter handle, Cutter blade, Hexagonal wrench, Carry case & Operating instructions
	Full Kit: Cross Hatch Cutter handle, Cutter blade, Hexagonal wrench, Adhesive Tape (ISO or ASTM), Eye Glass, Brush, Carry case & Operating instructions