

Elcometer 3000 Manual Clemen Unit

The Elcometer 3000 Manual Clemen Unit is a robust and simple to use instrument for evaluating the resistance to scratching of a coated surface.

A tool is fitted with an hemispherical tip of 1mm (0.04") diameter (standard), lowered gradually on to the sample surface which is then pulled linearly 60mm (2.36").

Depending on the load applied, varying degrees of penetration of the tool into the coating are observed - from a superficial trace to total destruction.



STANDARDS:

AS/NZS 1580.403.1, BS 3900-E2, DIN 53799, ECCA T12, EN 13523-12, ISO 1518-1:2011, JIS K 5600-5-5

Technical Specification

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Part Number	Description	Certificate
K0003000M001	Elcometer 3000 Manual Clemen Unit	○
Sample Width	75mm (2.95") Variable Load	0 - 2000g (70.5oz)
Dimensions	410 x 200 x 155mm (16.1 x 7.9 x 6.1")	
Weight	6kg (13.2lb)	
Packing List	Elcometer 3000 Manual, 1mm (0.04") ball tool and operating instructions	

Accessories

Part Number	Description
KT003000P021	1mm (0.04") Ball Tool in Tungsten Carbide
KT003000N001	2mm (0.08") Cutting Tool in Tungsten Carbide
KT003000N013	VW Cutting Tool
KT003000N015	Adjustment Kit to test from 5 to 20mm (0.02 to 0.8")
KT007210M001	Illuminated Microscope (x30)
KT003025P007	Magnifier (x10)

○ Optional Calibration Certificate available.