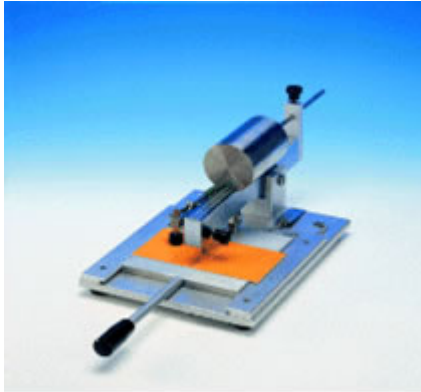




elcometer 3000 Clemen Unit

Can be used in accordance with:
ISO 1518
BS EN 13523-12
BS 3900 E2, BS 3900 E5



At a glance

- Available as either a manual or motorised version.
- Variable load adjustment and interchangeable scratch tool.
- Used to evaluate resistance to scratching.

Designed to evaluate resistance to scratching. A tool fitted with a hemispherical ball of 1mm diameter (standard) is lowered gradually onto the surface of the sample and moved 6cm.

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

The Elcometer 3000 is available in two versions; the original Manual Clemen Unit and the Motorised Clemen Unit. See also the **Elcometer 1535 Multifunction Scratching Tool**.

Elcometer 3000/1 Manual Clemen Unit: The tool is positioned on the sample, which is fixed on a sliding platform and moved manually. Load variable from 0 to 2000g.

Elcometer 3000/3 Motorised Clemen Unit: The motorised motion brings the tool gently in contact with the sample, whatever the load, variable from 0 to 5000g, and moves it across the coating, with automatic start and stop. The contact of the tool with the metallic substrate is indicated by a lamp and voltmeter.

Part Numbers

Model	Description	Part Number
Elcometer 3000/1	Elcometer 3000 Manual Clemen Unit	K0003000M001
Elcometer 3000/3	Elcometer 3000 Motorised Electric Clemen Unit	K0003000M003

Options for the Elcometer 3000/3 – to be requested upon ordering

Adjustment Kit to test from 5 to 20mm	KT003000N015
Luminous microscope - 30x	KT007210M001
Magnifier – 10x	KT001546N002
1 mm Ball Tool in Tungsten Carbide	KT003000P001
2 mm Cutting Tool in Tungsten Carbide	KT003000N001
VW Cutting Tool	KT003000N013
1 cm ² Rubber Tool for Drying Time	KT003000N002

Accessories

Packing List

- Elcometer 3000/1 Clemen Unit or Elcometer 3000/3 Motorised Clemen Unit
- 4 x 1000g weight (Elcometer 3000/3 models only)
- 1mm Ball Tool
- Operating Instructions