

# elcometer® **1620 Cupping Tester**

Can be used in accordance with:

**BS 3900 E4**  
**DIN 53156**  
**DIN EN ISO NF 1520**  
**DIN 53232**  
**NBN T22-104**  
**NF T 30 019**



These robust and user-friendly instruments are used for assessing the cupping ability of coatings applied to metal sheets up to 1.2mm thick.

The Elcometer 1620 has a 27mm diameter hardened steel die in a clamping device and a 20mm diameter punch. A hand-rotated crank and reduction drive moves the punch progressively into the sample. This method gives good repeatability.

A motorised version is also available which replaces the manual crank handle. This ensures perfect reproducibility with constant cupping speed of 200µm per second.

The Elcometer 1620 is available with either an analogue or a digital gauge and both models are supplied with an illuminated magnifier to accurately view the deformation's results. A CCD video system can also be supplied as an accessory.

The Elcometer 1620 provides accurate (10µm) readings of the cupping depth on an integrated gauge and direct viewing of the fissures cracks and tears in the coating.

## Part Numbers

Model	Description	Gauge Type	Part Number
Elcometer 1620/3	Elcometer 1620 Motorised Cupping Tester	Analogue (mm)	K0001620M003
Elcometer 1620/4	Elcometer 1620 Motorised Cupping Tester	Digital (mm)	K0001620M004
Elcometer 1620/2	Elcometer 1620 Manual Cupping Tester	Analogue (mm)	K0001620M002
Elcometer 1620/5	Elcometer 1620 Manual Cupping Tester	Digital (mm)	K0US1620M002
<b>Accessories</b>	CCD Video (Colour) Viewing System		KT001620N004
	Illuminated Magnifying Glass		KT001620P004