

Elcometer 1620 Cupping Tester

This robust and user-friendly instrument is used for assessing the cupping ability of coatings applied to metal sheets up to 1.2mm (0.05") thick.

The Elcometer 1620 has a 27mm (1.06") diameter hardened steel die in a clamping device and a 20mm (0.79") diameter punch. A hand-rotated crank and reduction drive moves the punch progressively into the sample.

The Elcometer 1620 has a digital gauge with an illuminated magnifier to accurately view the resultant damage and provides accurate readings of the cupping depth on an integrated gauge. Direct viewing of the fissures, cracks and tears in the coating of up to 10µm (0.4mil) can be viewed through the supplied x10 illuminated magnifying glass.




STANDARDS:

BS 3900 E4, DIN 53156, DIN 53232, ECCA T6, [EN 13523-6](#), [ISO 1520](#), [JIS K 5600-5-2](#), NBN T22-104, NF T30-019

Technical Specification

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Part Number	Description	Gauge Type	Certificate
K0001620M004	Elcometer 1620/4 Manual Cupping Tester	Digital (mm, mils)	
Dimensions	300 x 240 x 500mm (12 x 10 x 20")		
Weight	24kg (53lb)		
Packing List	Elcometer 1620 Cupping Tester, gauge, gauge holder, zero setting sheet, illuminated 10x magnifying glass with magnet and operating instructions		

 Optional Calibration Certificate available.