

Elcometer 1510 Conical Mandrel Bend Tester

Can be used in accordance with:
ASTM D 522-A, BS 3900-E11*, ISO 6860



The Elcometer 1510 Conical Mandrel Bend Tester is used to determine the effects of bending on the elasticity, adhesion and elongation properties of cured coatings on sheet metal.

The frame has a bending lever with a roller which pivots on a steel conical mandrel with a diameter from 3.2 - 38.1mm. A graduation indicates the mandrel diameter in both mm and inches.

The specimen can be bent on part of, or along, the entire length of the mandrel, and the results (cracks) corresponding to different test diameters can be observed in a single operation. This is ideal for use in conjunction with the cylindrical mandrel, as it identifies the stop point for more focused testing.

As the instrument is machined out of a solid block of steel, the particularly robust and rigid construction provides excellent resistance to wear and provides long service life. A large, sturdy anodised base, which can be permanently fixed to a workstation, ensures stability during testing.

Technical Specifications

Part Number	Description	Certificate
K0001510M001	Elcometer 1510 Conical Mandrel Bend Tester	o
Diameter Range	3.2 - 38.1mm	
Sample Size	180 x 100 x 0.8mm	
Dimensions	325 x 350 x 100mm	
Weight	9kg	

o Optional Calibration Certificate available

Packing List

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Operating Instructions

* Standards not in bold have been superseded but are still recognised in some industries

