

## Elcometer 1506-B Cylindrical Mandrel Bend Tester

The Elcometer 1506-B Cylindrical Mandrel Bend Tester is a mechanical tester 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 height-adjustable rollers and a sliding vice for clamping the sample which means the test pieces are bent perfectly and regularly on decreasing mandrels until the desired effect can be observed.

The instrument can be adjusted to the diameter of the mandrel used as the mandrels are easily changed.

A wide range of Metric and Imperial mandrels are available. Mandrel sets or individual mandrels should be ordered separately - please see page 2.



### STANDARDS:

AS/NZS 1580.402.1, ASTM D 2485, ASTM D 522-B,  
ASTM D 1737, ISO 1519-2, ISO 2063-2, JIS K 5600-5-1

**Elcometer 1506-B** Cylindrical Mandrel Bend Tester

## Technical Specification

Part Number	Description
<b>K1506BM201</b>	Elcometer 1506-B Cylindrical Mandrel Bend Tester
Test Piece Width	Maximum: 76.2mm (3")
Test Piece Length	Maximum: 80 to 100mm (3.15 to 3.93") depending on the size of the mandrel used
Dimensions	320 x 147 x 130mm (12.6 x 5.8 x 5.1")
Weight	4kg (9lb)
Packing List	Elcometer 1506-B Cylindrical Mandrel Bend Tester and operating instructions

## Accessories

**KT001506BP201** Elcometer 1506-B Metric Mandrel Set, 2 to 32mm (one of each of the Metric Mandrels, as listed below)

**KTUS1506BP201** Elcometer 1506-B Imperial Mandrel Set, 1/8 to 1" (one of each of the Imperial Mandrels, as listed below)

Metric			Imperial		
<b>KT001506BF002</b>	2mm Mandrel	<b>KT001506BF015</b>	12mm Mandrel	<b>KTUS1506BF022</b>	1/8" Mandrel
<b>KT001506BF003</b>	3mm Mandrel	<b>KT001506BF016</b>	13mm Mandrel	<b>KTUS1506BF023</b>	1/4" Mandrel
<b>KT001506BF004</b>	4mm Mandrel	<b>KT001506BF017</b>	16mm Mandrel	<b>KTUS1506BF024</b>	3/8" Mandrel
<b>KT001506BF005</b>	5mm Mandrel	<b>KT001506BF018</b>	19mm Mandrel	<b>KTUS1506BF025</b>	1/2" Mandrel
<b>KT001506BF006</b>	6mm Mandrel	<b>KT001506BF019</b>	20mm Mandrel	<b>KTUS1506BF026</b>	5/8" Mandrel
<b>KT001506BF007</b>	8mm Mandrel	<b>KT001506BF020</b>	25mm Mandrel	<b>KTUS1506BF027</b>	3/4" Mandrel
<b>KT001506BF014</b>	10mm Mandrel	<b>KT001506BF021</b>	32mm Mandrel	<b>KTUS1506BF028</b>	1.0" Mandrel