

# elcometer® 1500 Cylindrical Mandrels on a Stand

Can be used in accordance with:

ASTM D 522

BS 3900 E1

DIN 53152

ECCA T7



A simple instrument for determining the elasticity, adhesion and cracking of dry paint on flat specimens, consisting of a mandrel support which also serves as a test stand.

Painted metal sheets, maximum 150mm in length x 100mm wide are manually and successively bent around mandrels of decreasing diameter until cracks appear.

## Test Method

1. Insert the appropriate Mandrel in between the two 'V' notches at the top of the stand.  
*(If not carried out as a "pass / fail" test start with the largest diameter. Use successively smaller mandrels until the coating cracks)*
2. Position the centre of the test panel over the mandrel.
3. Slide the Clamp of the Test Panel Holder until the test panel just touches the Mandrel.
4. Holding both ends of the test pannel firmly - one in each hand, push the two ends around the mandrel
5. Remove the test panel from the apparatus.
6. Immediately after testing examine the test panel for cracking or detachment. Use a **10x magnifier glass** if needed.

## Part Numbers

Model	Description	Unit	Part Number
Elcometer 1500/2	Sst of 13 Cylindrical on a Stand from 2 to 32mm	mm	K00015400M002