

Conical Mandrel Tester



The Conical Mandrel Tester is used to determine the extensibility of paint coatings on metal panels that are clamped in position and formed round the conical mandrel by rotation of the roller frame. The panels are then examined to evaluate crack resistance and detachment from the metal substrate. This instrument allows easy identification of any coating failure at a specified diameter, over partial or entire mandrel length.

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Key Features

Product Code: T01-710100

Relevant Standards: ASTM D 522 D1737 BS 3900E11 and ISO 6860

Dimensions of conical mandrel: Large end: 38 ± 0.1 mm Small end: 3.1 ± 0.1 mm Length: 203 ± 0.3 mm

Suitable test panel size parameters: Length ≤ 150 mm Width ≤ 100 mm Thickness ≤ 0.8 mm, Overall dimensions: $300\times 120\times 83$ mm (Lx W x H)

Weight: 7kg



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