Product name:	Product code:
Conical Mandrel Bend Tester for Paint Flexibility	CMI-IND-0561

Description

Bench-mounted conical mandrel with a lever for bending coated metal panels over a tapering diameter to find the point of film cracking. Used by paint labs for flexibility and elongation checks of coil and general industrial coatings.

Technical specification

- Magnifying lens
- Scale
- Test panels

A coated panel is clamped against the cone and bent through about 135 degrees in 15 seconds. The distance from the small end of the cone to the crack in the film is measured. The test is a quick and objective flexibility measure.

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Features

- Conforms to ASTM D522 Method A
- Hardened chrome plated mandrel and lever
- Clamp and bending roller for uniform pressure
- Panel size up to 100 x 150 mm
- Provided with scale and magnifier

Technical Specifications

Test standards	ASTM D522 Test Method A, ISO 6860
Mandrel diameter	3.1 to 38 mm (cone, 203 mm long)
Panel width	Up to 100 mm
Panel thickness	Up to 0.8 mm
Bend angle	135 degrees
Lever	Cast aluminium
Base	Steel plate with clamp
Finish	Chrome plated cone

Standard Accessories