Product name:	Product code:
Automotive Interior Trim Scratch Resistance Tester	CMI-IND-0402

Description

Multi-pin scratch tester that draws hardened steel tips across dashboard and door trim plastics at set loads. Used by interior parts moulders and car makers to rate scratch visibility.

Technical specification

- Pin set with six tips
- Specimen vacuum plate
- Weight set

Textured plastic plaques are scratched by a bank of pins loaded from 0.6 to 20 N at a fixed speed, after which the scratches are rated visually or by gloss change. The test helps compare grain, paint and additive packages for dashboards and door panels.

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Features

- Six interchangeable loaded pin holders
- Motorised carriage with constant scratch speed
- Vacuum bed for flat holding of textured plaques
- Load range from 0.6 to 20 N in steps
- Sample plate up to 100 x 150 mm

Technical Specifications

Scratch speed	100 mm/s
Scratch length	Up to 100 mm
Pin tip	1.0 mm hardened steel ball
Load range	0.6 to 20 N
Specimen size	Up to 150 x 100 mm
Control	Digital timer and stroke counter
Standards	ISO 12137, GMW 14688 type, ISO 1518
Power	230 V AC, 50 Hz

Standard Accessories