| Product name: | Product code: |
| --- | --- |
| Pencil Scratch Hardness Tester with Fixed 750 g Load | CMI-IND-0569 |

## Description

Hand-held trolley that holds a pencil at 45 degrees under a standard load for determining film hardness of paints and coatings. Used by paint labs to rate hardness on a pencil scale from 6B to 9H.

## Technical specification

- Pencil set
- Sharpener
- Abrasive paper

Pencils of increasing hardness are pushed across the coating until one scratches or gouges the film. The hardest pencil that does not cut through is the pencil hardness. The tester gives a consistent 750 g load and a stable angle.

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**Features**

- Fixed 45 degree pencil angle
- 750 g total load with trolley wheels
- Includes a set of 14 pencils 6B to 9H
- Sharpener and abrasive paper for pencil leads
- Hardened wheels for smooth travel

**Technical Specifications**

| | |
|---|---|
| Test standards | ASTM D3363, ISO 15184, IS 101 |
| Load on pencil | 750 g (7.5 N) |
| Pencil angle | 45 degrees |
| Pencil range | 6B to 9H, 14 grades |
| Lead diameter | 6 to 8 mm |
| Wheels | Hardened steel |
| Body | Stainless steel |
| Weight | Approx. 1 kg |

**Standard Accessories**