

# PENCIL HARDNESS TESTER

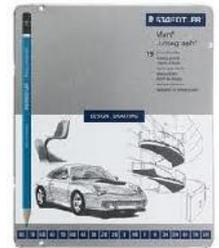
PAINT & COATING  
TEST EQUIPMENT



- The purpose of Pencil scratch hardness tests is to determine the resistance of coating materials to scratch effects on surfaces.
- In the Wolff-Wilbon Test, pencils of various degrees of hardness are moved over the surface under a fixed pressure and angle to the surface. The degree of hardness of the pencil which damages the surface is taken as a measurement of scratch hardness e.g. "3H" hardness.
- Instrument is supplied with set of hardness pencil, pencil sharpener, abrasive paper, operation manual, carrying case.
- This test complies with ASTM D3363, IS 101

## AVAILABLE MODELS

- **PHT – ECO Pencil Hardness Block (Mitsubishi)**  
With set of 5 hardness Pencil (H, F, 2H, 3H & 4H)
- **PHT – S12 Pencil Hardness Block (Staedtler)**  
With set of 12 hardness Pencil (6B – 4H)
- **PHT – S19 Pencil Hardness Block (Staedtler)**  
With set of 19 hardness Pencil (8B – 6H)
- **PHT – M17 Pencil Hardness Block (Mitsubishi)**  
With set of 17 hardness Pencil (6B – 9H)
- **PHT – M22 Pencil Hardness Block (Mitsubishi)**  
With set of 22 hardness Pencil (10B – 10H)



## OPERATING METHOD

The pencil are prepared by hand rubbing it on fine abrasive paper(400), The pencil is maintained at an angle of 45° and pushed with uniform pressure onto the sample. leaving either a superficial trace or causing destruction down to the substrate/

## COMPLIES TO

ASTM D 3363

IS 101

BS 3900-E19

ISO 15184

## ACCESSORIES

- STAEDTLER German hardness pencil  
Individual (MOQ 6 pencils)  
set of 12 / 19 pencils
- MITSUBISHI Japan hardness pencils  
Individual (MOQ 6 pencils)

