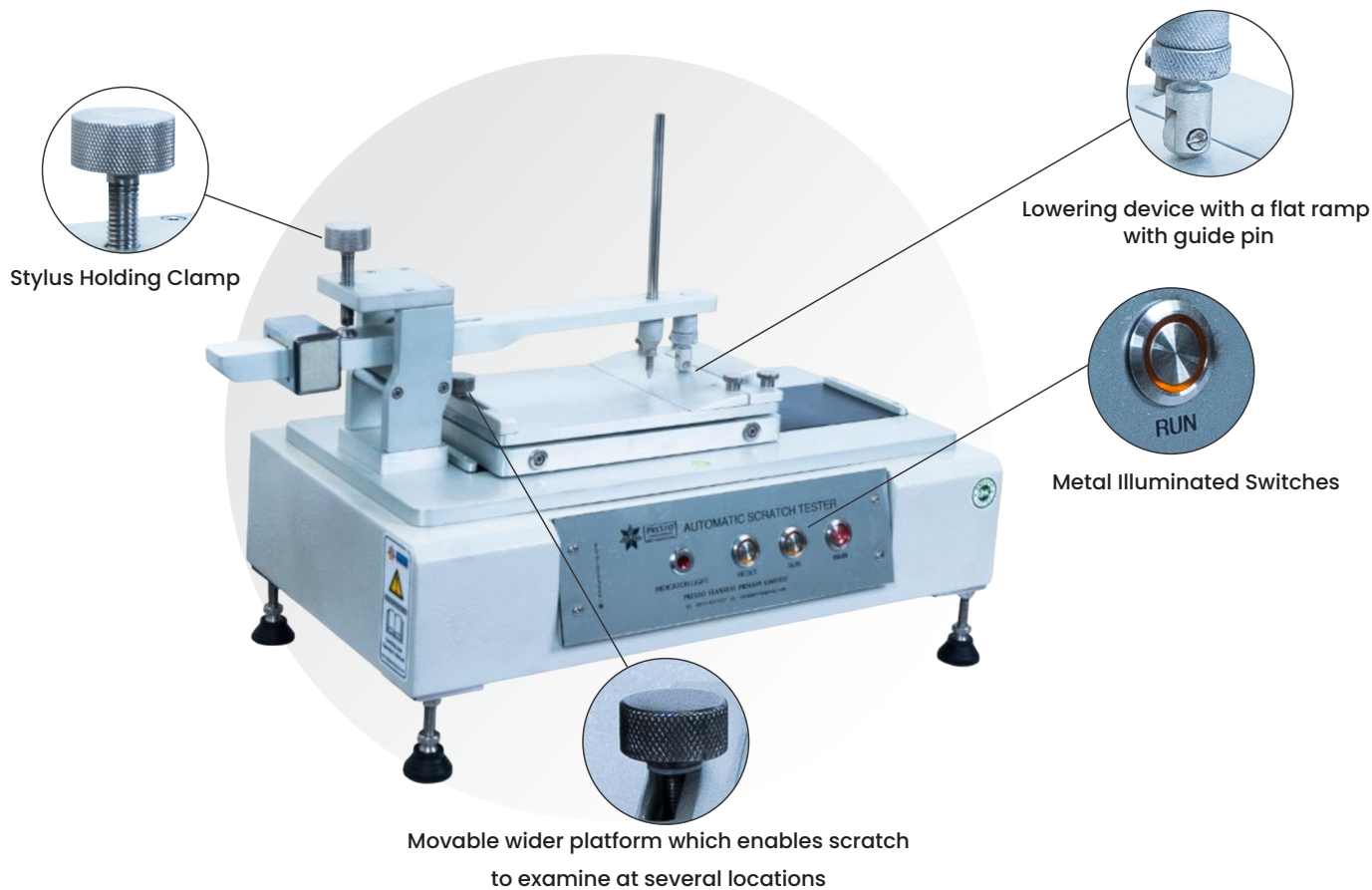




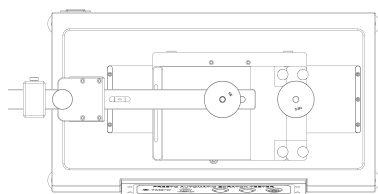
Scratch Hardness Tester - Motorized



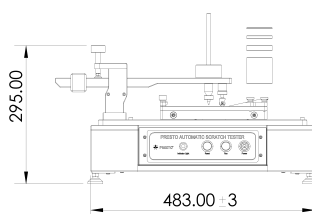
Model No. PSHT-80

Scratch Hardness Tester Motorized is a unique test instrument to determine the resistance to scratch under a specified load. Tests are conducted either on a go/no go basic by testing at a single specified load on the diamond stylus tip or by increasing loads to determine the minimum load at which the coating is Penetrated. PRESTO Scratch Hardness Tester is designed as per standard ISO 1518-1

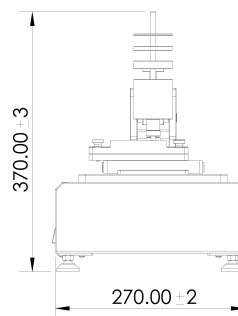
- ❖ Motorized oscillating arm with Teflon rollers for noise free movement
- ❖ Ergonomic design with Electronic controls
- ❖ Highly accurate test results under uniform load and specified diameter.
- ❖ Equipped with Hardened steel hemispherical tip
- ❖ Fully Automatic testing through motorized system
- ❖ Uniform load by weights on Stylus tip for evenness in testing
- ❖ Firm holding of Test sample by Clamping device
- ❖ A lowering device with a flat ramp brings the stylus smoothly into contact with the coating at the Beginning of the movement of the panel holder
- ❖ Instant braking system
- ❖ Light Indicator for sample failure notification with visual alarm



TOP VIEW



FRONT VIEW



SIDE VIEW



Key Specifications:

Size of sample	200 x 100 mm
Scratching mechanism	Motorized
Lowering ramp angle	12.5±2.5°
Load on Stylus	0.5N x 1, 1N x 1, 2N x 2, 5N x 1, 10N x 1
Motor Power	120 mm
Length of travel of Stylus	15 watt
Stylus Moving speed	35 ± 5 mm/s
Sample Thickness	0.7 to 1 mm
Stylus Hemispherical diameter	1 mm +/- 0.01 mm
Tip Material	Hardened Steel

Highlights:

Material	Al – machining and fabrication Mild Steel (Outer Body)
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome /zinc plating for corrosion resistant finish
Dimensions	483x 270x 370 mm
Hardened steel tip	Yes

Thank you customers for choosing us as your partners in growth !



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OUR OTHER PRODUCTS :-

Hot Air Oven Prima	Humidity Chamber	Cupping Machine	Salt Spray Chamber Korrox - III	Scratch Hardness Tester	Tensile Testing Machine