Hand Operated Scratch Hardness Tester

Hand operated scratch tester is an instrument used for evaluating the resistance of coating on the substrate by scratching with weights and needles manually.A one side coated panel is clamped at the platform of the hand operated scratch tester, specified weight is applied on the weight holding rod and the needle is scratched on the coated surface with the help of movable sliding surface by hand.When the needle scratch the coating and needle tip come in contact with the metallic surface buzzer will produce beep noise for indication.

The Hand Operated Scratch Hardness Tester is made up of Mild Steel with durable powder coating, base plate is made up of mild Steel and the needle is made up of Tungsten Carbide. It is widely used in paint and coating industries, pipe, steel and fabrication industries etc.

Technical Specifications:

Scratch Speed	: Manually
Needle or Stylus	: Hard Stainless Steel with hemispherical ball Ø1mm(Tungsten Carbide)
Scratch Length	: 60 mm
Panel Size	: 150 x 50 x 1 mm
Load Capacity	: 1.5 Kg / 3 Kg



Ordering Informations:

Ref No. 133/1 Capacity 1.5 Kg
Ref No. 133/3 Capacity 3 Kg

Accessories required for testing:

- MS panel size :- 150 x 75 x 1 mm (AST)
- MS panel size :- 150 x 50 x 1 mm (HOST)

HSN Code: 90248099