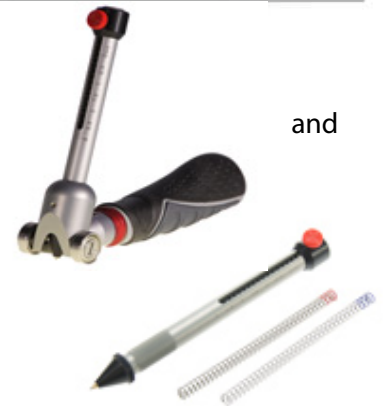


HARDNESS TEST

SP0010, SP0015

PRODUCT DESCRIPTION

The TQC Sheen Hardness Test is a pocket instrument for testing the hardness wear/scratch resistance of materials such as coatings, lacquers, plastics or related products. A tungsten carbide tip is drawn over the surface with a defined constant pressure. The pressure on the tip can be changed using the slide or by changing the spring. A visual mark on the surface after use of the TQC Sheen Hardness Test indicates a fail of the surface hardness or wear/scratch resistance. Can be used on flat and curved surfaces.



BUSINESS

Coating Laboratories, Paint Production, Surface Finishing, Powder Coating, Decorative Coatings, Building Maintenance

STANDARDS

According DIN 55656

Results can be obtained equal to: ISO 1518; AS 3894.4; EN 438-2, SIS 184188, and Corporated Standards Bosch, Volvo, Opel, van Laar.

FEATURES

- Ergonomic design with anti-slip texture on the holding point.
- Made of maintenance-free anodised aluminium, tips in tungsten carbide.
- Available in 2 models Basic and pro
- Very stable load on tip
- Easy to apply force

SCOPE OF SUPPLY

SP0010

- TQC Sheen Hardness test pen
- Tip Ø 1mm
- Spring 0 – 3 N (300g - 0.671lbF) (Blank)
- Spring 0 – 10 N (1000g - 2.248lbF) (Blue)
- Spring 0 – 30 N (3000g – 6.74lbF) (Red)

SP0015

- TQC Sheen Hardness test pen
- Handle / Wheel assembly
- Tip Ø 1mm
- TIP Ø 0,75mm
- Tip Ø 0,50mm
- Spring 0 – 3 N (300g - 0.671lbF) (Blank)
- Spring 0 – 10 N (1000g - 2.248lbF) (Blue)
- Spring 0 – 30 N (3000g – 6.74lbF) (Red)
- Allen key

ORDERING INFORMATION

SP0010 – TQC Sheen Hardness Test 0-300/0-1000/0-3000gr Basic

SP0015 – TQC Sheen Hardness Test 0-300/0-1000/0-3000gr Pro

ACCESSORIES

Spare items

SP0012 Tip for hardness test Diameter 0.5 mm / R=0.25 (acc. To Opel, Volvo, van Laar)

SP0013 Tip for hardness test Diameter 0.75 mm / R=0.375 (acc. to Bosch, Volvo)

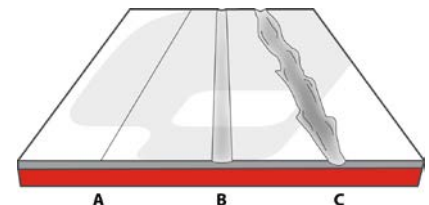
SP0014 Tip for hardness test Diameter 1.0 mm / R=0.25 (acc. to ISO)

SPECIFICATIONS

| | Tips | Range | Dimensions | Weight |
|---------------|-----------------------|-----------------------|-------------------|--------|
| SP0010 | ∅ 1mm | 0-3 N, 0-10 N, 0-30 N | L 190mm | 67g |
| SP0015 | ∅ 1mm, 0,75mm, 0,50mm | 0-3 N, 0-10 N, 0-30 N | L 190mm x H 160mm | 375g |

USE

1. Release the red knob on the slider and set the slider to the required position and fasten it by turning the red knob clockwise. (Note the beveled edge of the slider indicates the correct position).
2. Place the tester perpendicular on the surface to be tested and press the holder, using light force, in order to create load on the tip. The black guide tip should not touch the sample.
1. Move the tester over the surface over a length of about 10 mm with a constant speed.
2. Observe the surface to check for visible marks as indicated by standard. For example see image



SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Always keep the instrument in its case when not in use.

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we



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