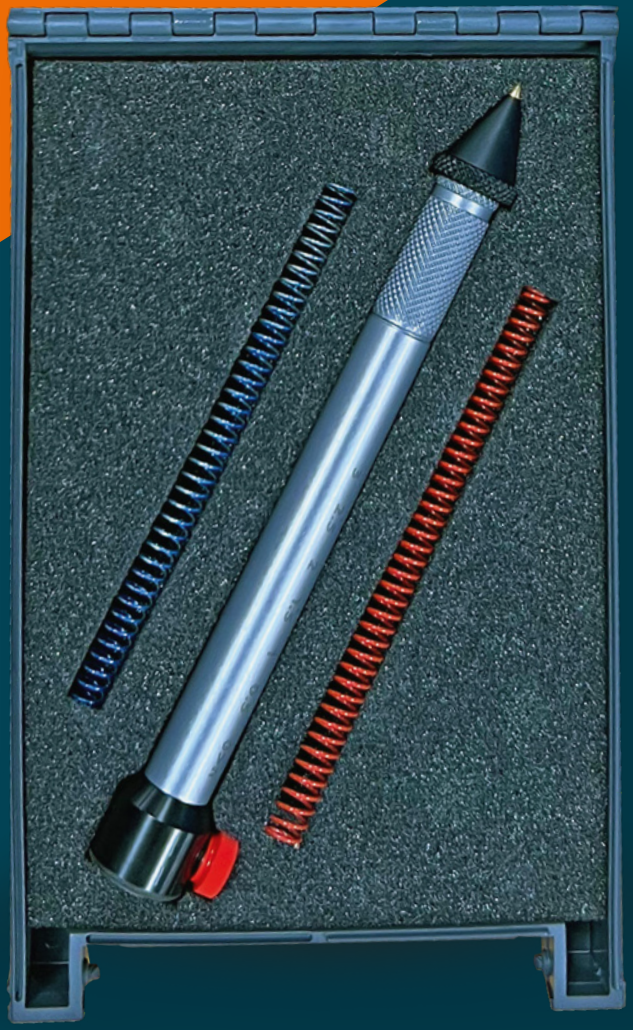
TQC sheen

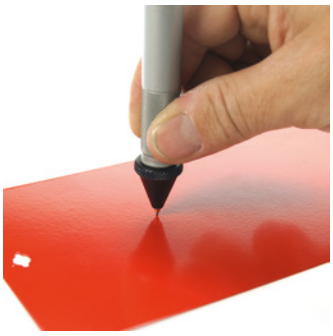


TQC Sheen Hardness Pen

INDUSTRIAL PHYSICS

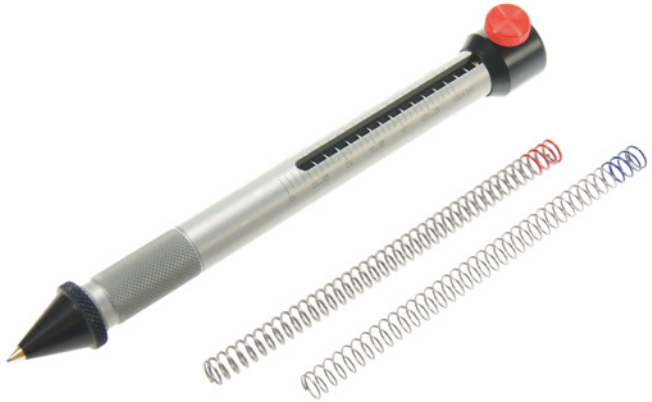
Protecting
Product Integrity

The TQC Sheen Hardness Pen is a pocket instrument for testing the hardness, wear and cratch resistance of materials such as coatings, lacquers, plastics and 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 slider or by changing the spring. A visual mark on the surface after use of the Hardness Pen indicates a fail of the surface hardness, wear or scratch resistance. The Hardness Pen can be used on flat and curved surfaces.



Ideal for

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 corporate standards like Bosch, Volvo, Opel and Van Laar.

Features:

- Ergonomic holding point with anti-slip texture
- Maintenance-free anodized aluminum
- Tips in tungsten carbide
- Available in Basic and Pro models
- Very stable load on tip
- Easy to apply force
- Optional handle and wheel in the Pro version to ease and improve force stability during test

Technical Specification:

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

Spring 1: 0–300 g, equals 0–3 N, scale with 10 g graduations
Spring 2: 0–1.000 g, equals 0–10 N, scale with 50 g graduations
Spring 3: 0–3.000 g, equals 0–30 N, scale with 150 g graduations

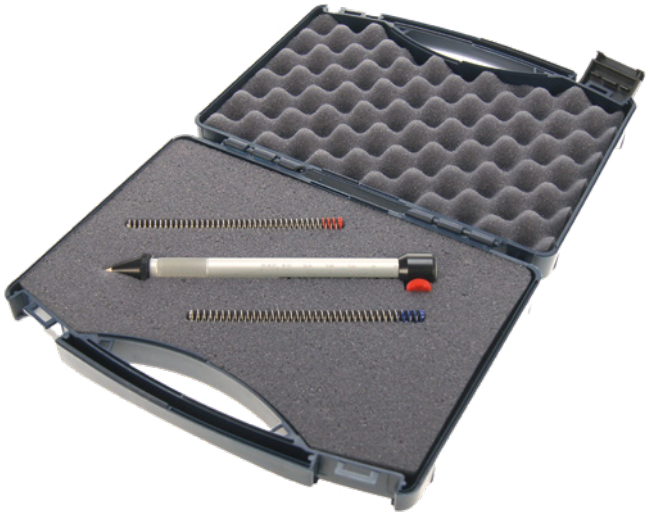
Scope of Supply:

SP0010 – TQC Sheen Hardness Pen Basic

- Tip Ø 1 mm
- Spring 0–3 N (0–300 g) (Blank)
- Spring 0–10 N (0–1.000 g) (Blue)
- Spring 0–30 N (0–3.000 g) (Red)

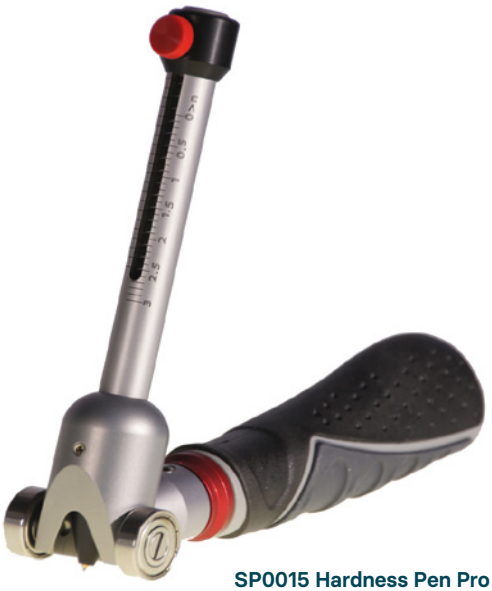
SP0015 – TQC Sheen Hardness Pen Pro

- Handle and wheel assembly
- Tip Ø 1 mm
- TIP Ø 0,75 mm
- Tip Ø 0,50 mm
- Spring 0–3 N (0–300 g) (Blank)
- Spring 0–10 N (0–1.000 g) (Blue)
- Spring 0–30 N (0–3.000 g) (Red)
- Allen key



Accessories:

Catalog Number	Article Description
SP0012	Tip for hardness test Diameter 0,5 mm / r=0,25 mm (for e.g. Opel, Volvo, Van Laar)
SP0013	Tip for hardness test Diameter 0,75 mm / r=0,375 mm (for e.g. Bosch, Volvo)
SP0014	Tip for hardness test Diameter 1,0 mm / r=0,5 mm (ISO 1518)
SP0020	Spare spring 300 g
SP0021	Spare spring 1.000 g
SP0022	Spare spring 3.000 g



SP0015 Hardness Pen Pro

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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