

DUR-O-Test

Scratch Hardness Tester

Scratch hardness is used to quickly and easily indicate the hardness of a coating by utilization of a pointed tip which is drawn across a surface at a fixed pressure. The advantage of this method is, that the pressure is constant, given by the type of spring, and does not change over time and use.



Hardness Meter

This pocket instrument allows hardness tests on flat and curved surfaces. The instrument consists of a sleeve with a pressure spring that can be bent to various tensions by using a slide. The spring acts on a tungsten carbide needle with its tip extending out of the sleeve. A locking screw fixes the slide, thus maintaining constant spring tension.

Three pressure springs of varying strengths ranging from 0-20 N (0-2000g) are available to cover a large hardness range.



Standards

DIN 55656

Catalog Number	5810	5811
Short Description	DUR-O-Test, 1 mm	DUR-O-Test, 0.75 mm
Needle	Tip dia. 1 mm	Tip dia. 0.75 mm
Weight	0.3 kg 0.7 lb	
Dimensions	1.6 x 16 cm 0.6 x 6.3 in	

Delivery Content

Hardness tester DUR-O-Test
3 pressure springs in a leather case

Catalog Number	Short Description
5813	Hard Metal Needle 1 mm
5814	Hard Metal Needle 0.75 mm