

# Buchholz Indentation Tester

The Buchholz indentation test is a reliable test method for evaluation of indentation resistance of plastic deformable coatings.

- Dimensions and weight in accordance with standards
- Block of stainless steel
- Circular tool is a double cone block
- Circular tool and support of tungsten carbide / hard metal
- Marking triangle for precise positioning

## Standards

ISO	2815
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## Ordering Information

Cat. No.	Description
5825	Buchholz Tester
5826	Buchholz Tester w/microscope
5824	Precision Microscope

## Technical Specifications

### Comes complete with

Instrument block (500g ± 5g), Instrument weight: 1.9 kg  
 Instrument block (500g ± 5g) incl. precision microscope  
 20x magnification with graduated scale to measure indentation length,  
 incl. light source; Weight: 0.8 kg

# DUR-O-Test

## 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
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## Ordering Information

Cat. No.	Description
5810	DUR-O-Test, 1 mm
5811	DUR-O-Test, 0.75 mm

### Comes complete with:

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

## Accessories

Cat. No.	Description
5813	Hard Metal Needle 1 mm
5814	Hard Metal Needle 0.75 mm

## Technical Specifications

	Dimensions	Weight
Hardness tester with spherical test tool	Length: 160 mm (6.3 in),	0.3 kg (0.7 lbs)
	Diameter: 16 mm (0.6 in)	

### Springs

No. 1 silver 0 - 3 N (0 - 300 g) division: 10 g, Tolerance: ±0.34N  
 No. 2 red 0 - 10 N (0 - 1000 g) division: 50 g, Tolerance: ±1.03N  
 No. 3 blue 0 - 20 N (0 - 2000 g) division: 100 g, Tolerance: ±1.84N