

Buchholz Tester

Buchholz Indentation Hardness Tester

The Buchholz indentation test is a reliable test method for evaluation of indentation resistance of plastic deformable coatings. Elastic deformations should not be evaluated by this method, as it would suggest a too high indentation resistance without leaving a permanent indentation mark.

Dimensions and weight in accordance with standards

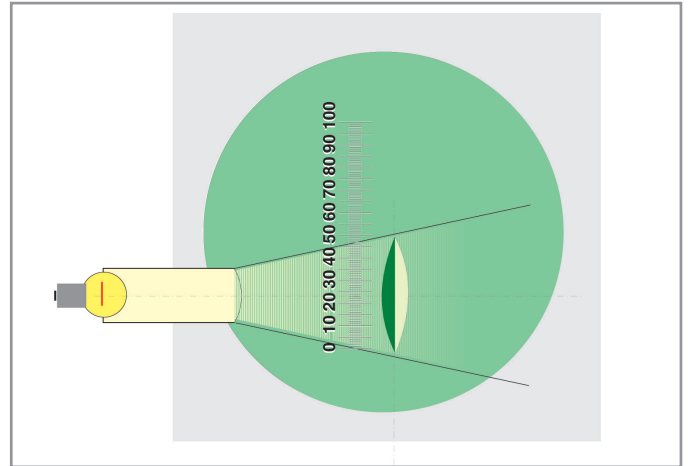
- Block of stainless steel
- Circular tool is a double cone block
- Circular tool and support of tungsten carbide / hard metal
- Marking triangle for precise positioning



Measurement Principle

To perform the indentation hardness test, the device is placed onto the coating for thirty seconds. Afterwards it is removed and the length indentation is measured with a microscope. The hardness is then determined via the following formula:

Buchholz Hardness = 100 mm / Indentation length in mm



Standards

ISO 2815

Catalog Number	5825	5826
Short Description	Buchholz Tester	Buchholz Tester with microscope
Weight	0.5 kg	1.3 kg

Delivery Content

Instrument block
Measuring template
Optional Precision Microscope (5824)
Manual

Catalog Number	Short Description
5824	Precision Microscope