

Buchholz Indentation Tester

BGD 510 Buchholz Indentation Tester is a reliable test method for evaluation of indentation resistance of plastic deformable coatings. A beveled disc with a sharp edge is applied onto the test surface under a constant 500g. Test load provided by a steel block holder. The trace left after 30 s. Load is measured with a 20X magnification illuminated microscope. The length of the indentation is inversely proportional to the hardness.

- ◆ Conform with Standard ISO 2815
- ◆ Stainless steel block
- ◆ Circular tool is a double cone block
- ◆ Circular tool and support of hard metal
- ◆ Marking triangle for precise positioning.
- ◆ 20x magnification with graduated scale to measure indentation length.



Scan for video

Main Technical Parameters:

- ★ Indentation load: 500g \pm 5g
- ★ Indentation Diameter: 30mm \pm 0.2mm
- ★ Indentation Width: 5mm \pm 0.1mm
- ★ Indentation Angle: 60° \pm 0.5°
- ★ Accuracy of indentation reading: 0.1mm
- ★ **Ordering Information:** BGD 510--- Buchholz Indentation Tester