

## Pencil Hardness Tester

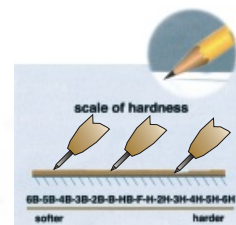
This instrument offers an easy method for the determination of film hardness for coating applied to a flat substrate. The pencil lead, prepared beforehand by rubbing it on fine abrasive paper (400), is maintained at an angle of 45° and pushed with uniform pressure onto the sample. Either leaving a superficial trace or causing destruction down to the substrate. It complies with the requirements of ASTM D 3363, ISO 15184.

Furthermore, Biuged also offers BGD 506/2S whose all materials are stainless steel. Besides all characteristics as above, BGD 506/2S can lock pencil automatically and the block for adjusting level is designed as monolithic construction, which is convenient for operator to install and remove pencil and adjust working level, more easier and faster!



BGD 506/2S

Moving more smoothly with axletree design



### Main Technical Parameters:

- ★ Three points are touched on the tested surface (roller, pencil lead)
- ★ The angle between pencil and the tested surface: 45°
- ★ Built-in spirit bubble, convenient to check level when tester is working
- ★ Force of pencil tip: 500g/750g/765g/1000g
- ★ Packing List:
  - ① Pencil Hardness Tester, Body
  - ② 1 Set of Pencils (13) : 6B-5B-4B-3B-2B-B-HB-H-2H-3H-4H-5H-6H. (Chunghwa).  
( BGD 506/2S is equipped with Mitsubishi pencil )
  - ③ Special Pencil Sharpener
  - ④ Abrasive Paper, 400 grade grit.
  - ⑤ Calibration Certificate
- ★ **Ordering Information:**
  - BGD 506/1----- Pencil Hardness Tester ( 500g )
  - BGD 506/2----- Pencil Hardness Tester ( 750g/7.35N ± 0.1N )
  - BGD 506/2S-----Pencil Hardness Tester ( 750g/7.35N ± 0.1N )
  - BGD 506/3----- Pencil Hardness Tester ( 1000g )
  - BGD 506/4----- Pencil Hardness Tester ( 7.5N ± 0.1N/765g )