

## 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.



### 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
- ★ Pressure of pencil lead : 500g/750g/765g/1000g
- ★ Packing List:
  - ① Pencil Tester, Body
  - ② 1 Set of Pencils ( 12 ) : -4B-3B-2B-B-HB-H-2H-3H-4H-5H-6H.
  - ③ Special Pencil Sharpener
  - ④ Abrasive Paper, 400 grade grit.
  - ⑤ Spirit bubble
  - ⑥ Calibration Certificate

### ★ Ordering Information:

- BGD 506/1----- Pencil Hardness Tester ( 500g )
- BGD 506/3----- Pencil Hardness Tester ( 1000g )
- BGD 506/4----- Pencil Hardness Tester ( 7.5N±0.1N/765g )