



Testing Equipment Manufacturer
For Paint, Coating & Ink

www.bevsinfo.com

BEVS Industrial Co.,Ltd. is the ISO approved laboratory testing instruments manufacturer in the field of coating, paint, resin&ink. Our quality control and testing instruments are made within the highest standards and combined with today's most advanced technology. BEVS will be the best partner with you and provide the whole solution of testing, inspection and laboratory instruments.



Hardness

Pencil Hardness Tester

■ Introduction:

BEVS1301 Pencil Tester complies with the requirements of ASTM D3363 and ISO15184 standard, through leaving a superficial trace on the dry coating film with a certain pencil hardness, the surface will be variably damaged by the hardest pencil to evaluate pass/fail or hardness. Recommend to apply on the smooth film surface. Use variety of different hardness pencils, the angle between pencil and the coated surface is 45°, scratch on the coated surface under a certain of force, the scratch resistance hardness of the coating is the pencil hardness which just scratched the coating.

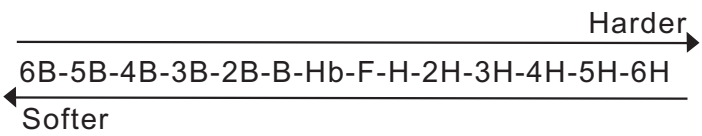


■ Technical Specification:

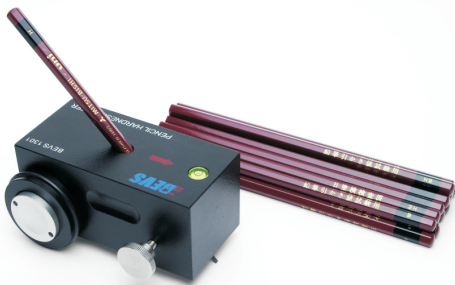
- ◆ Pressure of Pencil Tip: 1000/750/500g
- ◆ The angle between pencil and film surface is 45°
- ◆ Three points are touched on the tested surface (roller, pencil tip)
- ◆ Scratch Speed: 1 mm/sec

■ Hardness Class:

- ◆ Hardness Increase



- ◆ Standard pencil: A set of Mitsubishi pencil (14pcs from 6B to 6H)
- ◆ Other brand pencils are available upon request (Option)



■ Order Information:

BEVS 1301/500	Pencil Hardness Tester (500g)
BEVS 1301/750	Pencil Hardness Tester (750g)
BEVS 1301/1000	Pencil Hardness Tester (1000g)