Pencil Hardness Tester

PROYes offers a range of Pencil Hardness testers to suit the different budgets and needs. All testers are developed based on Wolff Wilborn method which is used to determine the scratch harness of coatings. They are fully complied with the method stated in the ISO 15184, ASTM D 3363 and BS 3900-E19.

Fixed-weight | PPH-750

▲ Standard fixed load of 750g
▲ Rubber Sealed wheels
▲ No bubble lever required

Multi-weight | PPH-1000

▲ Easy-changed 500g, 750g, 1000g loading weights
▲ Rubber Sealed wheels
▲ No bubble lever required

Motorized | P-3086

▲ Self-propelled motorized device
▲ Constant speed movement increas reproducibility
▲ Reduce variation caused by operator skills
▲ Able to travel forward and backward
▲ Adjustable load up to 10 N

Automatic | PPT-2016

▲ Touch screen display and easy setup
▲ Adjustable specimen platform
▲ Adjustable travel distance and load
▲ 3 preset speed and user defined speed (0.5~12mm)
▲ Maximum accuracy and greatest reproducibility
▲ Non-flat surface testing can be achieved

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Specification

Specimen platform adjustable range	Longitudinal 100 mm
Travel distance adjustable range	10~50 mm @0.1mm increment
Travel speed	3 preset speed: 0.5, 5, 10mm/s User defined 0.5~12mm/s @0.1mm/s increment
Load adjustable range	Any combination of weights below 500g x1, 200g x3, 100g x2, 50g x1
Control	Backlit LCD Touch Screen and buttons
Screen size	3.5"
Language	English, Traditional Chinese
Power supply	100~240V 50/60Hz
Dimension	425x345x315mm (WxDxH)
Net Weight	16.5kg
Other Options	
	Special angle pencil sharpener, Flat-tip pencil sharpener