BEVS 1306 Intelligent Pendulum Hardness Tester

Can be used in accordance with:
ISO 1522, ASTM D4366, NF T30-016, BS 3900 E5, DIN 53157



BEVS 1306 Intelligent Pendulum Hardness Tester consists of measuring the damping time of a pendulum (K/P) oscillating on a test surface to indicate the hardness. It decreases faster on softer medium. The two pendulums are of the same principle but detailed parameter is different.

The BEVS 1306 Intelligent Pendulum Hardness Tester has a series of intelligent functions that automatically identify the level condition before testing, automatically warn, automatically monitor vibration level, and check whether the temperature and humidity of the environment meet the test requirements. It ensures a high precision result and eliminating the error caused by human or environment.

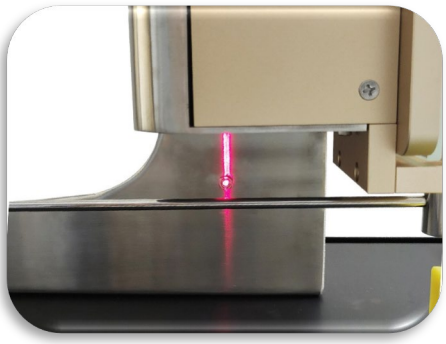
BEVS 1306 Intelligent Pendulum Hardness Tester is the best instrument to measuring the hardness for universities, scientific research and QC, especially in the development and application of automotive coatings.

Features

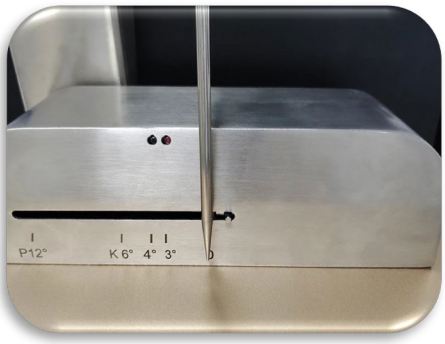
- LCD colour touch screen
- Monitoring temperature and humidity
- Full automatic operation
- Automatically identify pendulum
- Automatically identify the level condition
- Vibration warning
- Main Interface: Real time display of pendulum type, total number of oscillations and duration
- Setting Interface: Enable to set the related data and calibrate



Auto identify level



Auto identify pendulum



Auto move the pointer

Technical Specifications

Parameter	Specification
Pendulum type	Persoz / König
Weight	500 ± 0.1 g / 200 ± 0.2 g
Ball diameter	8 mm / 5 mm
Deflection start	12° / 6°
Deflection end	4° / 3°
Oscillation period	1 ± 0.01 s / 1.4 ± 0.02 s
Damping time on glass plate	430 ± 10 s / 250 ± 10 s
Number of oscillations on glass plate	430 ± 10 / 172 to 185
Voltage	100 to 240 V (50/60 Hz)
Power	Max. 45 W
Environmental temperature and humidity	10 to 35 °C, 80% RH
Adjustment levelling range	0 to 3°

Order Information

Part number	Description
BEVS 1306	Intelligent Pendulum Hardness Tester (K and P)
BEVS 1306/1	Intelligent Pendulum Hardness Tester (K)
BEVS 1306/2	Intelligent Pendulum Hardness Tester (P)
BEVS 1306/P/001	K Pendulum
BEVS 1306/P/002	P Pendulum