

Pendulum Hardness Tester

Simple laboratory measuring instrument for hardness measurements in accordance with the König and Persoz methods described on the previous page.

- Automatic counter with acoustic signal when the deflection is below 3° (König) or 4° (Persoz) respectively
- Registration of pendulum deflection by means of 2 light barriers
- Digital counter
- Changeable from König to Persoz by means of a third light barrier
- Selector switch for display in seconds or number of oscillations



König Pendulum



Persoz Pendulum



Standards

ASTM	D 4366
ISO	1522

Ordering Information

Cat. No.	Description
5858	Pendulum Hardness Test König
5859	Pendulum Hardness Test Persoz
5861	Pendulum Hardness Test König/Persoz

Comes complete with:

Pendulum hardness tester; Protective cover; Cable release;
Tools; Pendulum (for 5861 two pendulums)
Glass plate; Spirit level; Power cord; Operating manual

Ordering Information

Cat. No.	Description
5860	Cable Release, 5858, 5859, 5861
5857	Persoz Pendulum
5856	König Pendulum

Technical Specifications

Weight	Ball Diameter	Deflection Start/End	Period of Oscillation	Damping Time on Glass
200 g ± 0.2	5 mm	6° / 3°	1.4 s	250 s ± 10 s
500 g ± 0.1	8 mm	12° / 4°	1 s	430 s ± 10 s
				according to ISO

Voltage	115 V / 60 Hz, 230 V / 50 Hz
Power Supply	0.1 A
Dimensions	320 x 710 x 300 mm (12.6 x 30 x 12 in)
Weight	17.5 kg (39 lbs)

Accessories

Additional Description
Additional Pendulum
Additional Pendulum