

Pusey & Jones Hardness Tester (P&J Plastometer)

According to ASTM D 531



Our top quality Pusey & Jones (P&J) hardness tester (Plastometer) serves for determination of the penetration depth on rubber and elastomer materials e.g. rubber rollers and standard blocks made of rubber with a minimum thickness of 13 mm as well as paper rollers.

The electronic dial gauge is integrated in the instrument and shows the indentation depth in 0,000 mm units directly.

With the help of a vertical spindle which is integrated on the back of instrument, the dial gauge can be moved up and down conveniently and precisely.

The dial gauge is equipped with a zero setting function. This makes it possible that the reading of the dial gauge can be set for zero by a single pressure of the zeroing key as soon as the indenter together with the measuring bar is lifted about 3 mm by lowering the body of the instrument.

The prescribed total load of 9,8 N is applied by lowering the loading lever on the right side. The test result can be read after a test time of 60 seconds.

The basic equipment includes an adjustable feet which can be adjusted according to the test object.

With the help of precise and user-friendly design of our P&J hardness tester, you can perform an easy, quick and reproducible measurement under load.

TECHNICAL SPECIFICATION OF P&J HARDNESS TESTER (P & J PLASTOMETER)

Indenter Ball	Ø3,175 mm
Total Load	9,8 N
Loading Weight	1.000 g ±1 g
Reading of measured values	0,001 mm
Measuring Range	0 - 400 P&J
Net Weight	3.3 kg (7.3 lbs)
Dimensions	250 X 90 X 130 mm

