

## Pusey and Jones

It serves for the determination of the penetration depth on rubber- and rubberlike materials, like e.g. rubber rollers and standard blocks made of rubber with a minimum material thickness of 13 mm as well as paper rollers.

The hardness tester works according to ASTM D 531-89.



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

By help of a vertical spindle which is integrated at the back of the instrument, the dial gauge can be moved up and down very carefully.

The dial gauge is equipped with a zero setting. This makes 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 at the right side.

The test result can be read after a test time of 60 seconds.

The basic equipment includes a removable prism which can be removed when plates are to be tested.

By help of the measuring system you can do an easy, quick and good reproducible measurement under load.



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### Technical Data:

roller's diameter of the test object	max. Ø 120 mm
indenter	ball: Ø 3,175 mm
total force	9,8 N
loading weight	1.000 g ± 1 g
reading of the measured values	0,001 mm
net weight	3,300 kg
dimensions height x width x depth	250 x 90 x 130 mm