

## Product Information

### Hardness tester Pusey & Jones Zwick 3108



#### Application range

It serves for determination of the penetration depth on rubber and rubberlike materials, such as 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 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.

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

The dial gauge is equipped with a zero setting. This makes it possible that the dial gauge reading can

be set to zero at the touch of a button as soon as the indenter, together with the measuring bar, is lifted by about 3 mm by lowering the instrument's body.

The prescribed total load of 9.8 N is applied by lowering the loading lever at the right hand 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.

Simple, rapid and reproducible measurements under load are possible using this measurement system.

Order item	H04.3108.000 Value	Units
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 ± 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