

PUSEY & JONES

EN

ASTM
D531

DIN
ISO
48-8

Digital hardness tester with integrated test stand and adjustable base for the hardness measurement of rubber or rubber-like materials, of rollers or similarly curved geometries.



The Pusey & Jones hardness tester determines the hardness of rubber and rubber-like materials of coated rollers, starting with a material thickness of 13 mm.

For the hardness measurement process, the digital measuring device can be placed firmly on the curved surface, thanks to the test stand which has flexible support feet. With a spindle integrated on the back of the device, it can be brought in a suitable position for measuring. Then, it can be vertically aligned due to the integrated circular level. To initiate the automatic measurement, you have to flip the side-loading lever. The indenter will be lowered and loaded with a defined force for 60 seconds. The Pusey & Jones device confirms the end of the measuring time through an acoustic signal and shows the determined hardness value on the display. The internal memory records up to 300 measured values, which can be exported via the RS-232 interface.

MEASURING METHODS

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MAIN CHARACTERISTICS



TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: 95 x 110 x 270 mm

 **Weight** 3,34 kg

SCOPE OF DELIVERY

Pusey & Jones hardness tester with integrated test stand and flexible support feet

Battery

RS-232 data cable

Operating manual

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ACCESSORIES



DAkKS calibration certificate The calibration takes place according to DIN EN ISO/IEC 17025, being confirmed with a DAkKS calibration certificate.



Software
The software controls the hardness and hysteresis measurement processes undertaken with Bareiss testing devices.

Reference elastomer blocks with DAkKS calibration certificate

REFERENCE

Alternatively, you can measure the hardness of rubber and rubber-like materials on flat test specimens, using our handheld hardness testers HPE III and HPE III Basic. The use of a prism facilitates their correct placement on cylindrical test specimens. .

MADE IN GERMANY SINCE 1954.

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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).