

SHORE CONTROL DEVICE

EN

ASTM
D2240

DIN
ISO
48-4

DIN
EN ISO
868

JIS K
6253

Mechanical measuring device for checking the spring characteristics of analog or digital Bareiss handheld hardness testers.



With the control device you can check the spring characteristics of your handheld hardness tester, with just a few simple steps. This process ensures that the hardness tester measures with the correct spring force between the calibration intervals.

The control device consists of a special test stand with a balance beam and sliding weight for Shore A or D. For the verification, fix the handheld hardness tester in the test stand and move the weight adjusted on the balance beam on the scale until you reach the indicated value for the desired Shore hardness. The shift in weight will cause the eccentrically-attached balance beam to tilt. Consequently, the associated stilt will press on the indenter of the hardness tester. Should it show the hardness value correctly, the device will continue to work with the correct spring force.

MEASURING METHODS

Shore A	Shore D
Shore A0	Shore D0
Shore B	Shore E
Shore O	Shore L
Shore C	Shore L/c

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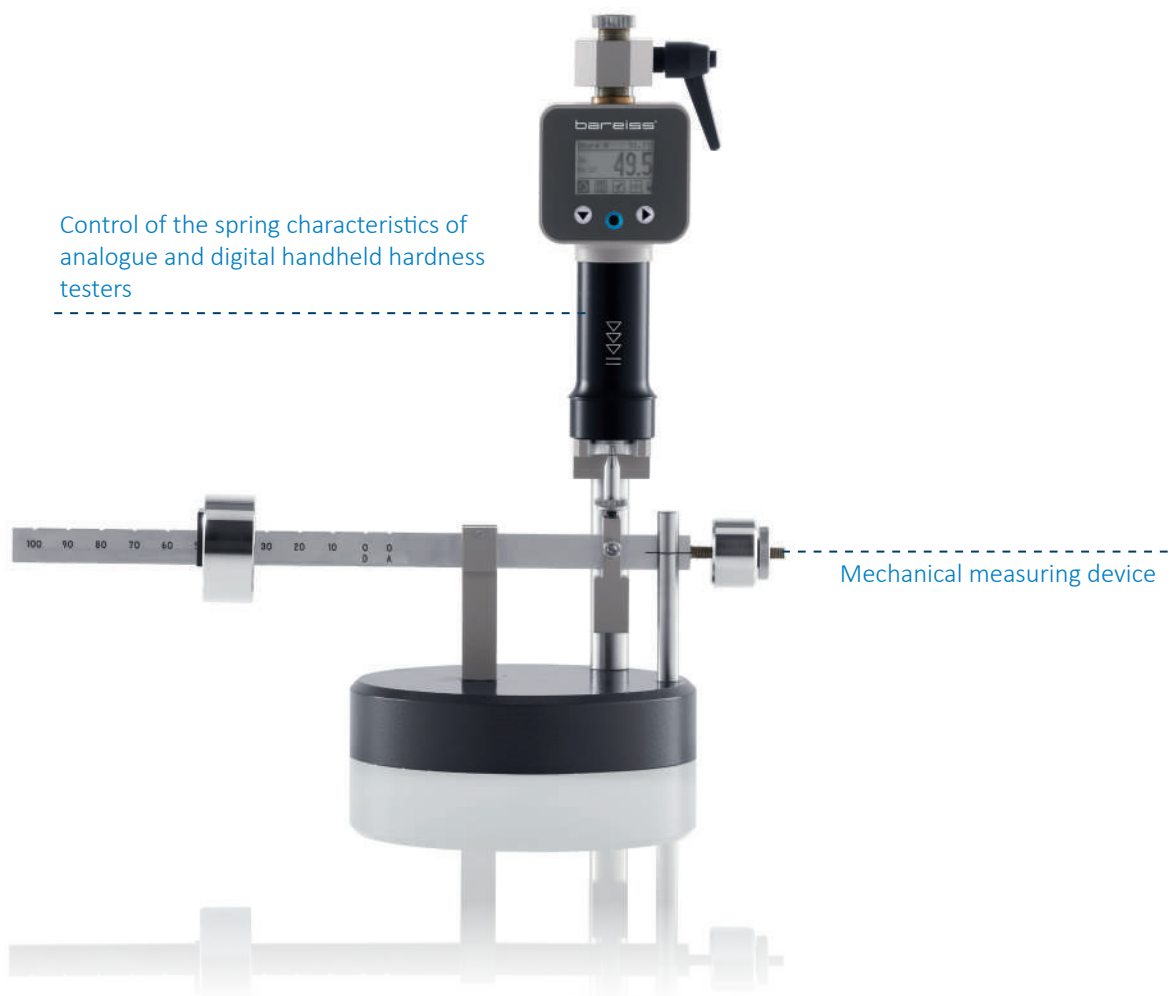
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MAIN CHARACTERISTICS



TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: 150 x 400 x 350 mm

 **Weight** 7 kg

SCOPE OF DELIVERY

Control device

Shore A balance weight and sliding weight

Operating manual

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ACCESSORIES



DAkKS calibration certificate for control device for spring force Shore A and Shore D

Shore D balance weight and sliding weight

REFERENCE

With the control device you can check the spring characteristics of your handheld hardness tester, with just a few simple steps. You can also monitor their measuring path with the help of control rings of 20, 40, 60 or 80 Shore values. Alternatively, available reference elastomer blocks also offer the possibility of verifying the measuring path and the condition of the indenter of a handheld hardness tester simultaneously.

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).