

TEST STAND BSA FOR HPE III

EN

ASTM
D2240

DIN
ISO
48-4

JIS K
7312

SRIS
0101

Automatic test stand for handheld hardness testers. With the BSA, you ensure that your measurements with the handheld hardness tester are carried out with standard lowering speed, contact pressure, and at right angles with the material.



MEASURING METHODS

The automatic test stand BSA expands the application area of your Bareiss handheld hardness tester from mobile use to a stationary hardness tester in the laboratory. The BSA automatically lowers the hardness tester onto the sample with a constant lowering speed conforming to standards and provides the normative contact pressure with its total mass. With the available additional weights for different measuring methods you can flexibly adjust it.

By using the test stand, you minimize potential user influences that may arise during manual measurement.

Depending on the handheld hardness tester used.

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FEATURES

Through different additional weights and tightening rods, the BSA is flexible for every measuring method of the HPE III.

With the automatic testing stand BSA, your hardness tester can be used not only mobile but also as a tabletop unit in the laboratory or in production.

With the BSA, you ensure that all normative requirements like constant lowering speed, defined contact pressure, and correct, perpendicular placement of the hardness tester for hardness testing are met.



TECHNICAL DATA

BSA 400

Dim. W x H x D: 11,5 x 11,5 x 18 cm

Weight: 2,03 kg

BSA 1000

Dim. W x H x D: 11,5 x 19 x 18 cm

Weight: 2,70 kg

BSA 5000

Dim. W x H x D: 11,5 x 23 x 18 cm

Weight: 6,75 kg

SCOPE OF DELIVERY

BSA

Additional weight (depending on the method)

Mounting screw (depending on the method)

Adapter screw Alu (HPE III) / steel (HP, HP Digital)

Control unit

Operating instructions

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ZUBEHÖR



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

REFERENCE

Alternatively, to the combination of a handheld hardness tester with the test stand BSA, our modular digi test II is suitable for hardness measurements without user influence, for frequently changing measuring methods or sample geometries.



Control rings with DAkkS accredited calibration certificate The measuring path of the hardness tester, within the defined hardness range, is monitored with the help of the control rings.



Software

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



Additional weights and tightening rods for further measuring methods

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).