HP Digital

The Bareiss HP Digital is designed to provide ease of use without compromising on precision.

This cost effective durometer is our answer for customers who seek a simple and fast testing operation without compromising the quality of the measuring results. Bareiss has been known for producing the highest quality hardness testing instruments since 1954 and the first generation of the HP model became an iconic representation of how a durometer looks today.

The HP Digital durometer offers every conceivable digital convenience available for a durometer. It can store and display up to 100 sets of measuring data with a Type-C USB interface for exporting data once the limit is exceeded. Additionally, it includes features such as the ability to select the measuring time, switch between peak value and standard value, and provide a visual indication when the measurement is completed.

MEASURING METHODS

| Shore A | Shore D |

bareiss®

P R Ü F G E R Ä T E B A U   G M B H

HP Digital

| ASTM D2240 | DIN EN ISO 868 | DIN ISO 48-4 |

MAIN FEATURES

Up to 100 sets of traceable measurements Incl. date, time, Standard and peak hardness values.

Large visual display.

Type C USB interface for data export.

Intuitive navigation.

TECHNICAL SPECIFICATIONS

Measurements	78 H x 65 W x 26 D mm
Weight	182 g (approx.)
Resolution	0.4 Shore
Display type	7 segment LED
Battery	Non-chargeable lithium battery CR2477
Working capacity	More than 450 hrs (approx.)
Memory capacity	100 measurements

Comm. interface	USB Type-C

	Shore A	**Shore D**
Spring force	8050 mN	44450 mN
Displacement	2.5 mm	2.5 mm
Presser foot	Ø 18 mm	Ø 18 mm
Indenter	35°	30°

HP Digital

ASTM D2240	DIN EN ISO 868	DIN ISO 48-4

ACCESSORIES

Manual test stand, type BS 61
The test stand with manual lowering guarantees the precise 90° support of the handheld hardness tester.

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

Control device for checking the spring force A / D The control device can be used to check the spring force of the handheld hardness tester.

Reference elastomer blocks with DAkkS calibration certificate, single set/set of 3 or 6
Reference elastomer blocks can be used to check the indenter and measuring path of the hardness tester according to DIN ISO 48.

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

DAkkS
Deutsche Akkreditierungsstelle
D-K-15206-01-00

REFERENCE

The decision to use a test stand will ensure that the HP is placed at an angle of 90° on the test specimen. Alternatively, you can also use our handheld hardness testers HPE III or HPE III Basic, equipped with a functional handle. Thanks to their integrated compression sleeve, these can be guided vertically in a reliable manner, and safely placed on the test specimens, with standard compliant pressure.

MADE IN GERMANY SINCE 1954.