

BARCOL

EN

ASTM
D2583

DIN EN
59

Digital handheld hardness tester with stabilizing ring for the recording of the Barcol hardness on plate-shaped test specimens from glass fiber reinforced plastics, thermosetting plastics, hard thermoplastics and light metals.



The hardness testing of solid materials such as glass fiber reinforced plastics, thermosetting plastics, hard thermoplastics and light metals can be reliably undertaken with our digital Barcol handheld hardness tester. For correct measuring results, the test specimens should have a flat surface and a minimum thickness of 1.5 mm.

Thanks to the stabilizing ring with a four-point support, the measuring device can be placed on the test specimen in a vertical position, so that it will not tilt during manual measurements and can be correctly loaded, with the necessary high contact force. The hardness tester announces the successful measuring with an acoustic signal, showing the determined hardness value on its display. The internal memory records up to 300 measured values, which can be exported through the RS-232 interface if necessary.

MEASURING METHODS

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MAIN CHARACTERISTICS

Measured value storage for
up to 300 measured values

RS-232 interface

Handle with compression sleeve
for guided placement

Stabilizing ring with
four-point support



SCOPE OF DELIVERY

Barcol handheld hardness tester with stabilizing ring

Battery

RS-232 data cable

Transport case

Operating manual

TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: 160 x 70 x 40 mm

 **Weight** 370 g

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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.



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

Reference place with DAkkS calibration certificate

Test stand

REFERENCE

Barcol is especially designed for the hardness measuring on plate-shaped specimens from glass fiber reinforced plastics, thermosetting plastics and hard thermoplastics. Softer polymers and other test geometries can be optimally measured with our handheld hardness testers, such as HPE III, HPE III Basic or the stand-mounted device digi test II.

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).