

IRHD COMPACT III

EN

ASTM
D1415

DIN
ISO
48-2

NF ISO
48

Innovative testing device for assured quality in rubber, plastic and all elastic materials.



Our budget-friendly tester offers you the possibility to perform semi-automatic hardness tests with the methods IRHD M and IRHD N by means of interchangeable measuring devices- and all this with the same quality expected from Bareiss.

In the IRHD M application range, the IRHD Compact III is used for hardness determination of hoses, O-rings, molded parts, standard plates and gaskets with a minimum material thickness of 0.6 mm.

In the IRHD N application range, the IRHD Compact III determines the hardness of soft rubber, highly elastic materials and plastically deformable materials with a minimum material thickness of 6.0 mm.

MEASURING METHODS

IRHD M

IRHD N

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MAIN CHARACTERISTICS

Measurement with timer function (display of measured value after time has elapsed)

Simple handling

Adjustment wheel for fine tuned height

Variable and measurable sample thickness
(Very large adjustable range)



TECHNICAL SPECIFICATIONS

 **Test stand Measurements** W x D x H: 200 x 250 x 570

 **Test stand Weight** 9,0 kg

 **Measuring device IRHD N Measurements**
W x D x H: 70 x 90 x 150

 **Measuring device IRHD N Weight** 1,9 kg

 **Measuring device IRHD M Measurements**
W x D x H: 160 x 100 x 140

 **Measuring device IRHD M Weight** 1,4 kg

SCOPE OF DELIVERY

IRHD Compact III

Holder

RS-232 interface cable

Power supply

Operating Manual

IRHD COMPACT III

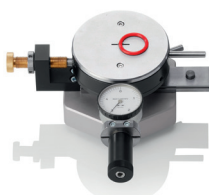
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ACCESSORIES



Barofix quick centering device with downholder device and support plate for O-rings. The Barofix positions and keeps in place small or large O-rings for individual measurements.



Magnifying glass with 2.5x magnification, flexible, swiveling
Mounted on the IRHD Compact III with ease, the magnifying glass offers support for the testing of very small samples.



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.



Centrofix
Quick centering device for hoses



Embedding Material
For optimal specimen preparation of curved specimens (fast curing, easy to use)

REFERENCE

For more flexible measuring ranges as well as fully automated applications, our modular digi test II with interchangeable measuring equipment is suitable as an alternative.

MADE IN GERMANY SINCE 1954.

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Deutsche
Akkreditierungsstelle
D-K-15206-01-00

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