

digi test Easy | IRHD M

EN

ASTM
D1415

DIN
ISO
48-2

Hardness testing device for the "IRHD Micro" method, used for testing the hardness of rubber, plastic, and all elastic materials with a minimum material thickness of 1.5 mm, in accordance with DIN ISO 48-2.



MEASURING METHODS

Our user-friendly hardness tester digi test Easy offers you the opportunity to perform fully automated hardness tests using the IRHD M testing method. The digi test Easy | IRHD M combines the attractive price of the IRHD Compact with the comfort and automation of the digi test II.

The extremely easy operation of the digi test Easy allows you to quickly measure your test specimens according to IRHD M. Obtain your measurement result with just the push of a button. In combination with the manually available Barofix accessory, this is the perfect entry-level model for hardness testing of O-rings.

IRHD M

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KEY FEATURES



For your entry into IRHD hardness testing

The easy-to-use testing process allows hardness testing to be performed effortlessly on your desired samples.



Proven Technology – Made in Germany Since 1954

The digitest Easy combines the attractive price of the IRHD Compact with the comfort and automation of the digitest II – reliable and user-friendly.



Accessories for optimal measurements on O-rings

The Barofix is a manual positioning device for centering O-rings and is available for various sizes of O-rings.



Minimal shipping effort for annual calibration

Simply send in the measuring device of the digitest Easy, and we will take care of the rest – quickly, reliably, and hassle-free.



With the free software tool „QuickMeasure“

The free software tool „BareissOne QuickMeasure“ allows you to easily capture, print, and export your data.

TECHNICAL SPECIFICATIONS

Test stand with support arm and measuring device		Voltage	100 – 250 VAC
Measurements (W x D x H)		Current	2A
min. 20 x 55 x 25 cm max. 20 x 60 x 31 cm		Frequency	50 / 60 Hz
Electronic unit		Protection class	IP 30
Measurements (W x D x H)			
min. 26 x 11,5 x 26,5 cm max. 26 x 11,5 x 34 cm			
Total weight			14 kg

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ACCESSORIES



Barofix Basic
Quick centering device for O-rings.



DAkkS accredited calibration certificate for the measuring device. The calibration takes place according to DIN EN ISO/IEC 17025.



Barofix
Quick centering device with retainer and support plate for large O-rings.



Reference blocks with DAkkS accredited calibration certificate For checking the indenter and measurement path of the hardness tester according to DIN ISO 48.



BareissOne Software
for data collection and analysis

REFERENCE

For more measurement ranges, flexibility, and automation, the modular digitest II with interchangeable measuring devices for all Shore and IRHD methods is ideal.

	digitest II	digitest Easy IRHD M	digitest Easy IRHD N
Shore (all methods)	✓	×	×
IRHD Micro	✓	✓	×
IRHD Normal	✓	×	✓
Interchangeable measuring devices	✓	×	×
Hysteresis	✓	×	×
Measuring table adjustable	✓	×	×
Barofix manual	✓	✓	✓
Barofix 4 (automatic)	✓	×	×
Quick Measure	✓	✓	✓
BareissOne (Full Version)	✓	×	×
BareissOne Easy (without Hysteresis Function)	×	✓	✓

MADE IN GERMANY SINCE 1954.

Bareiss Prüfgerätebau GmbH

DAkkS-Kalibrierlaboratorium

Breiteweg 1

89610 Oberdischingen, Germany

Tel +49 (0) 7305 / 96 42-0

Fax +49 (0) 7305 / 96 42-22

sales@bareiss.de

bareiss.de

Facebook

LinkedIn

www.bareiss.tv



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