

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

IRHD M

Our entry-level digi test Easy hardness tester offers you the possibility to perform fully automatic hardness tests using the IRHD M method on seals, O-rings, and elastomer components. The digi test Easy combines the attractive price of the IRHD Compact with the comfort and automation of the digi test II.

The simple 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.

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KEY FEATURES



Fully automated hardness testing at an entry-level price. Thanks to the easy-to-use testing process, hardness measurements can be carried out 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.



Optimized for the precise testing of thin-walled or small rubber and elastomer components.



Accessories for optimal O-ring measurements The Barofix is a manual positioning device for centering O-rings of various sizes for precise, repeatable measurements.



Automatically controlled lowering at standardized speed ensures consistent testing conditions for every application.



Minimal shipping effort for annual calibration

Simply send in the measuring unit of the digitest Easy – we'll take care of the rest.



Includes free „QuickMeasure“ software tool

The free software allows you to easily capture, print, and export your data.



Available with ISO 17025 certification.

We have been an accredited laboratory by DAkkS since 1996, following DIN EN ISO/IEC 17025:2018 standards.

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.



BareissOne Easy Software
for data collection and
analysis



**Reference blocks with
ISO 17025 accredited
calibration certificate**

OVERVIEW



digi test II



digi test Easy IRHD M



digi test Easy IRHD N

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

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).