

# 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 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.

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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 digi test Easy combines the attractive price of the IRHD Compact with the comfort and automation of the digi test 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 digi test 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

<b>Test stand with support arm and measuring device</b>	<b>Voltage</b>	100 – 250 VAC
<b>Measurements (W x D x H)</b> min. 20 x 55 x 25 cm max. 20 x 60 x 31 cm	<b>Current</b>	2A
<b>Electronic unit</b>	<b>Frequency</b>	50 / 60 Hz
<b>Measurements (W x D x H)</b> min. 26 x 11,5 x 26,5 cm max. 26 x 11,5 x 34 cm	<b>Protection class</b>	IP 30
<b>Total weight</b>		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 digi test II with interchangeable measuring devices for all Shore and IRHD methods is ideal.

	digi test II	digi test Easy IRHD M	digi test 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



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