



## Automatic Shore, IRHD and VLRH Hardness Testing System

**Standards:** DIN ISO 7619, DIN ISO 48, DIN EN ISO 868, NF EN ISO 868, ASTM D 2240, BS 903 Part. A 26, NF T 46-003, ASTM D1415, DIN ISO 27588



German  
Manufactured



Highest  
Accuracy and  
Repeatability



Industry  
Certified



Complete  
Calibration  
Solution



Free Proof of  
Concept



Custom  
Turnkey  
Solution  
Availability



**Video:** <https://youtu.be/Xzkvh6aOmSE>

### Description:

Digi Test II is an automatic Shore, IRHD and VLRH hardness testing system. The unit comes equipment with 4 main components: Electronic unit, the loading module (pick-up bracket), the test stand, and the interchangeable measuring unit for methods of Shore, IRHD and VLRH.

The digi test II is a very smart device equipped with an electronic unit that functions as the main control for the display of user information, measurement of method and time, the selection of various features and the whole system.

### Official DAkkS-Certificates:

Offering official DKD/DAkkS-Certificates for the exchangeable measuring devices.



### Hardness Testing on Concave and Convex Surfaces:

Different from the usual hardness testers that can only measure flat-surfaced samples, the NextGen's digitest II measures hardness on every surface by making use of an automatic surface detection technology. Also the indenter length is customizable, making it extendable to any point on the sample that is to be measured.

### Sample Holders and Positioning Devices:

NextGen offers several standard sample holders however, we are committed to offering you customized holders that suits your product. Kindly contact the sales team for bespoke solutions. Down this page you will find some of the standard positioning devices for tubes and O-Rings.



## Measuring Devices:

There is no need for setting up since it's a plug and play. To install the measuring unit, simply fasten the knurl nut, after this the electronic unit automatically detects the type of the installed method of measurement and time acc. to standards.

### IRHD N/H/L

Suitable for plastically deformable materials from 6 up to 10 mm, highly elastic materials and soft rubbers.

### IRHD L

Suitable for Hysteresis function from 10 up to 12 mm





## Shore 00/000

Suitable for foam rubber, silicone, sponge and cellular rubber, and gel like materials with material thickness of 6 mm  
Hysteresis function.



## VLRH

Suitable for foam rubber, silicone, sponge and cellular rubber, and gel like materials with material thickness of 1 mm  
Hysteresis function.



## Shore A/B/0

Suitable for convex and concave shaped parts of a material thickness of 4 or 6 mm

## Micro Shore A

Suitable for materials with minimum material thickness of 1 mm





Shore D/C/D0

Suitable for shaped parts with thickness of up to 4 or 6 mm

Micro Shore D

Suitable for those with minimum thickness of 1 mm.



\* Request a [formal quotation](#) or send an e-mail to [sales@nextgentest.com](mailto:sales@nextgentest.com) for the most up-to-date pricing and applicable discounts and incentives