



Advanced Portable Shore Durometer System with Test Stand Options

Standards: DIN ISO 7619, DIN EN ISO 868, NF EN ISO 868, ASTM D 2240, SRIS 0101



German
Manufactured



Highest
Accuracy and
Repeatability



Industry
Certified



Complete
Calibration
Solution



Free Proof of
Concept



Custom
Turnkey
Solution
Availability

Video: <https://youtu.be/KvEnrLntC48>

Description:

HPE III is R&D's latest development of the next generation HPE testing systems. The system offers cutting edge features above and beyond standard HPEII model. The system is capable of taking a hardness while a temperature sensor mounted on the bottom of the device is taking a temperature value. The display will indicate the hardness value, the temperature as well as the humidity values. The unit is equipped with a large LCD display and now comes standard with a USB connection for the BSA test stand and battery charging purposes. The hand grip designed to achieve correct measuring angle and correct standard features on HPE III.

- ✓ Shore-hardness
- ✓ Specimen-/environment
- ✓ Temperature Humidity

Test Method:

Shore A / A0 / B / 0 / C / D / D0 / 00 / 000 / 000S / E / L/c

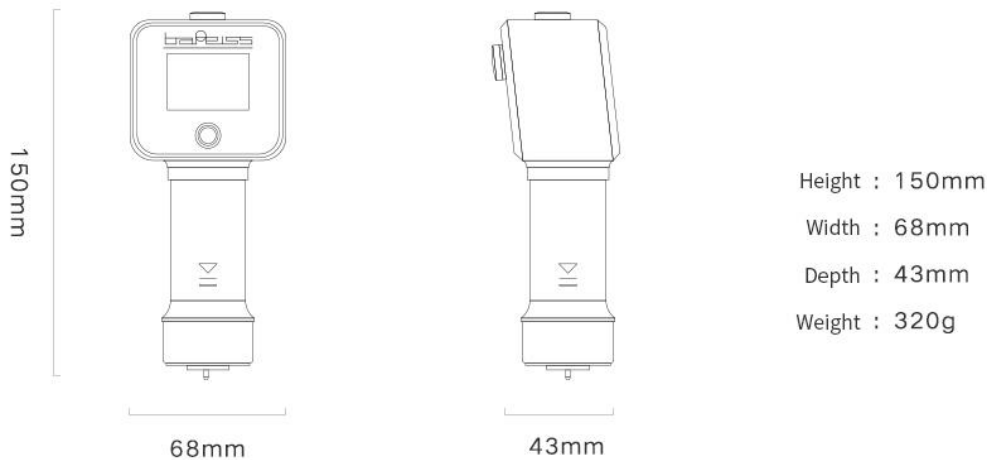




Features:

HPE	Available Methods
Temperature/humidity	DIN ISO 48-2/DIN ISO 7619
Sample Temperature	Shore A
Date and Time	Shore A0
Lithium Battery	Shore D
Display with backlight	ASTM D 2240
Auto-Power-Off	Shore 0 / Shore 00
Contact pressure acc. standards	Shore 000 / Shore 000S
Peak Value	Shore E / Shore B
USB Interface	Shore C / Shore D0

Size and Weight:

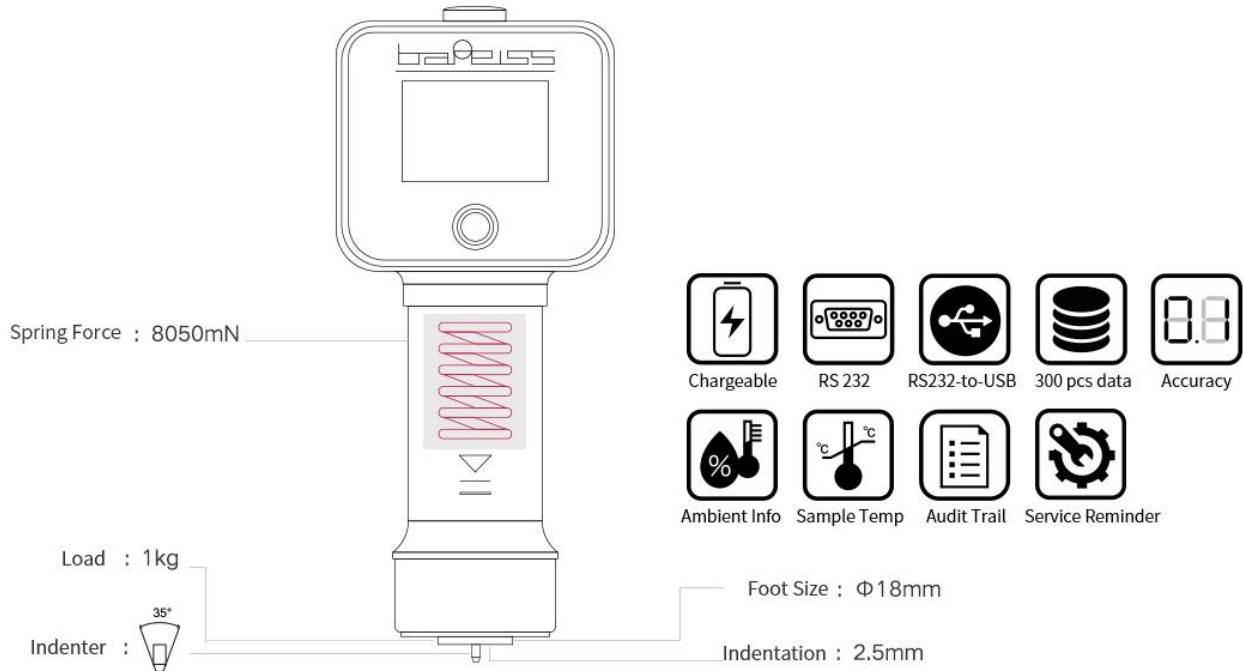




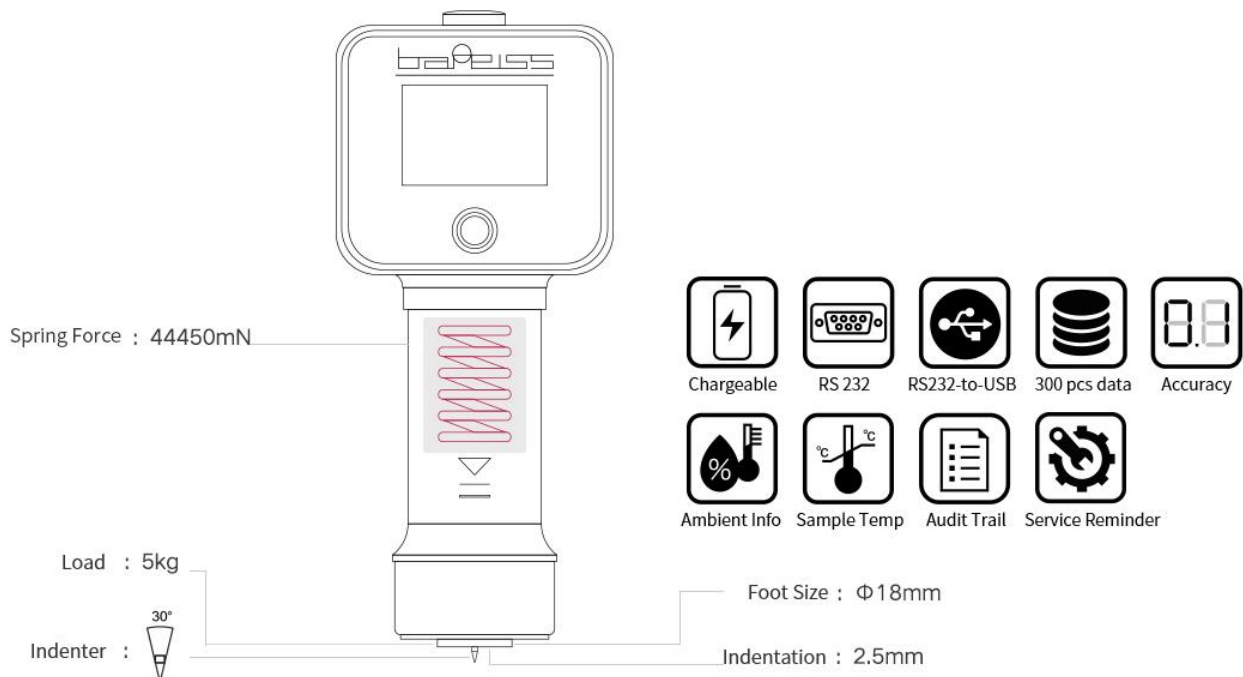
NEXTGEN MATERIAL TESTING

YOUR QUALITY TESTING CHOICE

Method A:



Method D:



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Accessories:

NG-BS 61 II test stand:

This Automatic test stand is perfectly compatible with our HPEII unit allowing for hardness measurements in accordance with Shore standards. The pick-up device found on the test stand allows for quick and easy clamping of the hardness tester. Manual test stand option is also available.



Calibration device for HP and HPE II:

In compliance with ISO 9000 the operator should perform a periodical equipment calibration. With this calibration device the accuracy of the Shore hardness tester is controlled. It allows for a quick control of the spring force in increments of ten for the measuring ranges including Shore A/B/0/C/D/DO and L, L/c.



DIN 53 505, EN ISO 868, NF EN ISO 868, ASTM D2240, JIS K 6253.



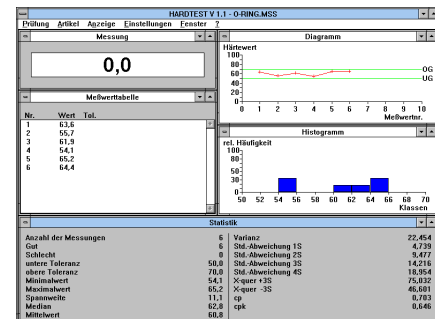
Reference plates

Standard rubber blocks are used to ensure the metrological capability of the measuring device according to the Shore standard during the frequency of recalibration. The rubber blocks are embedded in a holder made of stainless steel.

The calibration stands can come with single, 3, 5 or 6 plates including DAkkS/DKD calibration certificate

Hardtest - the test - and evaluation software program

Can be applied on every NextGen testing devices that has a serial interface. Every function needed for a fault free process is embedded in the program.



DAkkS/DKD calibration certificate

The purpose of the hardness tester calibration is to determine the unit's measure output against the standard reference. Once the unit is confirmed to meet the testing criteria, a calibration certificate is then issued indicating the measuring results and the corresponding measurement uncertainties and the instrument is marked as calibrated.

All supplied corresponding documentation offered with the calibration certificate provides traceability in accordance to national standards.



NEXTGEN
MATERIAL TESTING

YOUR QUALITY TESTING CHOICE

Control of the measuring distance with DAkks/DKD / WKS Certificate

- ✓ 20 Shore
- ✓ 40 Shore
- ✓ 60 Shore
- ✓ 80 Shore



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

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