

# HPE III

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3. GENERATION

Digital Hardness Tester for Shore





## HPE III *basic*

- ✗ Temperature/humidity
- ✗ Sample temperature
- ✓ Date and time
- ✓ Lithium battery
- ✓ Display with backlight
- ✓ Auto-Power-Off
- ✓ Contract pressure acc. standards
- ✓ Peak Value
- ✓ USB Interface
- ✓ Data Storage for up to 300 results

Available methods:

DIN ISO 48-4/DIN ISO 7619

Shore A

Shore A0

Shore D

ASTM D 2240

Shore 0

Shore 00

Shore 000

Shore 000S

Shore E

Shore B

Shore C

Shore D0



Sensor for temperature/humidity



Sensor for sample temperature



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Shore A

Shore D

## Accessories for HPE III/ HPE III *basic*



**DAKKS-Certificate**  
ISO/IEC 17025



**Control Rings**  
For checking the  
measuring distance



**Reference Blocks**  
Quick self-verification  
acc. DIN EN ISO 48



**Test Stand BS61**  
Manual test stand  
to ensure correct  
angle of measuring



**Test Stand BSA**  
Automatic test stand with  
lowering speed of 3.2 mm/s  
acc. standards

# Calibration

## ISO/IEC 17025

Bareiss became the very first DAkkS calibration laboratory for Shore & IRHD in Germany in 1996.

A DAkkS-Certificate covers the following mechanical properties of a device:

- ✓ Measuring distance
- ✓ Force
- ✓ Indenter (geometry)



Deutsche  
Akkreditierungsstelle  
D-K-15206-01-00



## Scope of application

The HPE was designed for testing on flat surfaced samples with thickness of  $\geq 6$  mm, acc. DIN ISO 48-4.

*Please see digi test II for hardness testing on thin materials and finished products.*



Please contact Bareiss for any questions.

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