

Warranty

24
Months

Included



Technical Highlights:

- Shore Hardness A, C/0, D
- Accuracy: 3 % of max
- Peak Hold function



Size: L 115 x B 60 x H 25 mm;
Weight: 160 g

Control plate for calibration included

Typical applications, to measure the penetration of

Shore A: rubber, elastomers, neoprene, silicone, vinyl, soft plastics, felt, leather and similar material.

Shore C/0: foam, sponge, etc.

Shore D: plastics, formica, epoxies, plexiglass, etc.

Delivered in a **wooden carrying case**



Measurement mode:

- **Max** mode: Holds the maximum value in the display
- **Point** mode: Shows one instant value

Can be attached to the test stands:

- TH-AC for Shore A and 0
- TH-D for Shore D

Model	Hardness Type	Max	Resolu- tion	Price, excl. VAT	ISO Ca- libration Certificate
HBA 100-0	Shore A	100 HA	1.0 HA	€ 95,-	€ 120,-
HBO 100-0	Shore C/0	100 HC	1.0 HC	€ 125,-	€ 120,-
HBD 100-0	Shore D	100 HD	1.0 HD	€ 130,-	€ 120,-

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Optional



Technical Highlights:

- Shore Hardness A, C/0, D
- Accuracy: 1 % of max
- Mini Statistic Function

Power supply 4 x 1.5V AAA battery

Size: L 162 x B 65 x H 38 mm;
Weight: 173 g

Typical applications,
to measure the penetration of

Shore A: rubber, elastomers, neoprene, silicone, vinyl, soft plastics, felt, leather and similar material.

Shore C/0: foam, sponge, etc.

Shore D: plastics, formica, epoxies, plexiglass, etc.

Control plate for calibration included

Data Output to PC

- RS 232C Output included
- Option: Software and cable to PC

ATC-01: € 80,-

Delivered in a
hard carrying case



Measurement mode:

- **Max** mode: Holds the maximum value in the display
- **Point** mode: Shows one instant value
- **Average** mode: Calculates the average value out of 9 single measurements

Power Management

- Auto-Power-Off function
- Low-Battery indicator

Model	Hardness Type	Max	Resolu- tion	Price, excl. VAT	ISO Ca- libration Certificate
HDA 100-1	- Shore A	— 100 HA	— 0.1 HA	€ 320,-	€ 120,-
HDO 100-1	- Shore C/0	- 100 HC	- 0.1 HC	€ 370,-	€ 120,-
HDD 100-1	- Shore D	— 100 HD	— 0.1 HD	€ 320,-	€ 120,-

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Fast-Move

Technical Highlights:

- For (Shore) hardness of plastics, leather, etc.
- Provides a **maximum of accuracy** in testing

Shown with
SAUTER HB
(instrument not
included)



TH test stand series:

- TH-AC for HB instruments Shore A and C/D
- TH-D for HB instruments Shore D

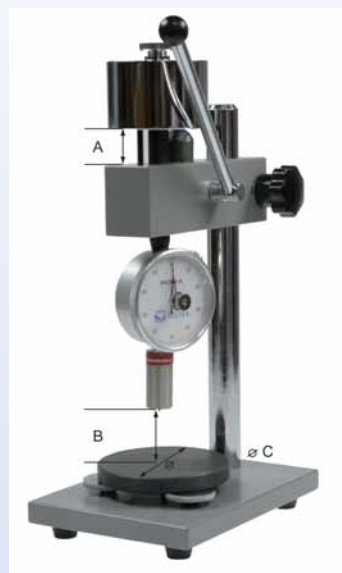
Technical specifications

- Handle lever for easy and quick operation: 15 mm travel distance (A)
- Flexible height adjustment: 63 mm maximum height for the test object (B)
- Adjustable base plate for the correction in inhomogeneous test objects. Diameter: 75 mm (C)

Size: L 150 x B 110 x H 250 mm;
Weight: 8.5 kg

Operation:

1. The **HB hardness tester** is adapted to the TH test stand in the shown hanging position.
2. The **test object** is placed on the round testing table right under the durometer pin.
3. By lowering the handle lever, the measurement **instrument is pressed** in a controlled manner into the test object
4. The **accuracy** of the displayed result is approx. **25 % higher** than in a manual operated test.



Model	Suitable for	Price, excl. VAT
TH-AC	HBA, HBC	€ 190,-
TH-D	HBD	€ 230,-

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Fast-Move

Technical Highlights:

- For (Shore) hardness of plastics, leather, etc
- Provides a **maximum of accuracy** in testing



Glas plate

Providing a higher base hardness and a superior accuracy



Mechanical design

High stability design, for a comfortable handling



Shown with SAUTER HB (instrument not included)

Operation:

1. The **HB hardness tester** is adapted to the TI test stand in the shown hanging position.
2. The **test object** is placed on the round testing table right under the durometer pin.
3. By lowering the handle lever, the measurement **instrument is pressed** in a controlled manner into the test object
4. The **accuracy** of the displayed result is approx. **25 %** higher than in a manual operated test.

Technical specifications

- Handle lever for easy and quick operation: 15 mm travel distance
- Flexible height adjustment: 63 mm maximum height for the test object
- Adjustable base plate for the correction in inhomogeneous test objects. Diameter: 75 mm

Size: L 150 x B 110 x H 250 mm;
Weight: 8.5 kg

TI test stand series:

- TI-A0 for HB instruments Shore A and 0
- TI-D for HB instruments Shore D



Level adjustment

For the precise levelling of the base plate plate

Model	Suitable for	Price, excl. VAT
TI-A0	HBA, HB0	€ 210,-
TI-D	HBD	€ 260,-