PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

SAUTER HDD 100-1

Professional Shore hardness tester

ENGLISH



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FEATURES

- To measure the hardness of plastics through penetration measurement
- Shore D
- Delivered in a robust carrying case
- Particularly recommended for internal comparison measurement. Standard calibrations e.g. to DIN 48-4 are not possible because of very narrow standard tolerances
- Can be attached to the test stand SAUTER TI-DL
- Large display with backlight
- Selectable: AUTO-OFF function or continuous operation, battery level indicator

TECHNICAL DATA

- Measuring precision: 1% of [Max]
- Material thickness of the sample, min. 6 mm
- Transfer via RS-232 to the PC, e.g. to Microsoft Excel®
- Battery operation, batteries standard (2×1.5 V AAA)
- Overall dimensions 162×65×38 mm
- Net weight approx. 0,20 kg

MAIN SCOPE OF APPLICATIONS

- Plastics technology
- Medical technology
- Automotive industry
- Packaging industry
- Food industry

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model		Hardness scales	Measuring range [Max]	Readout [d]
HDA 100-1	•	Shore A	100	0,1
HDD 100-1	•	Shore D	100	0,1

ACCESSORIES

Model	Description
AHBD-01	Hardness comparison plates AHBD-01
TI-DL	Manual Shore test stand TI-DL, compatible with SAUTER , hardness scale Shore D, hardness test force 50 N

SOFTWARE

Model	Description
ATC-01	Software ATC-01

SERVICES

Model	Description
970-017	Warranty extension (+3 years) 970-017

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KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Peak hold function: capturing a peak value within a measuring process
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	ZERO: Reset the display to 0
	Battery operation: Ready for battery operation
	Package shipment by courier service: The duration of internal product provision is one day
	PC Software: to transfer the measurements from the device to a PC

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