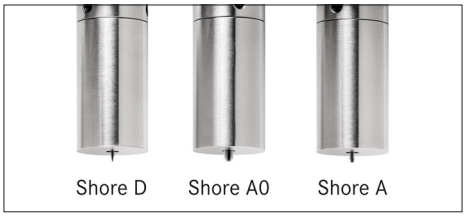


Professional Shore hardness tester

Features

- To measure the hardness of plastics through penetration measurement
- Particularly recommended for internal comparison measurement. Standard calibrations e.g. to DIN 48-4 are not possible because of very narrow standard tolerances
- Shore A: Rubber, elastomers, neoprene, silicone, vinyl, so plastics, felt, leather and similar material
- Shore 0: foam, sponge
- Shore D: Plastics, formica, epoxides, plexiglass etc.
- Can be attached to the test stands TI-ACL (for Shore A and 0), TI-DL (for Shore D) to improve the measurment result
- Large display with backlight
- Selectable: AUTO-OFF function or continuous operation, battery level indicator
- 1 Delivered in a robust carrying case

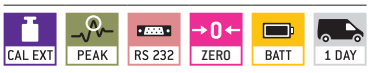
Technical data

- Tolerance: 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 W×D×H 125×70×27 mm
- Net weight approx. 0,20 kg

Accessories

- Shore comparison plates for testing and calibration of Shore hardness testing devices. By regular comparisons the measuring accuracy increases significantly
  2 7 hardness comparison plates for Shore A, tolerance up to ± 2 HA, SAUTER AHBA-01
  3 3 hardness comparison plates for Shore D, tolerance up to ± 2 HD, SAUTER AHBD-01
- Factory calibration of the comparison plates, SAUTER 961-170
- Test stand for HDA, HD0, SAUTER TI-ACL
- Test stand for HDD, SAUTER TI-DL
- Data transfer software, interface cable included, SAUTER ATC-01

STANDARD



OPTION

Model	Hardness scales	Measuring range	Readability
SAUTER		[Max]	[d]
HDA 100-1	Shore A	100 HA	0,1 HA
HD0 100-1	Shore 0	100 H0	0,1 H0
HDD 100-1	Shore D	100 HD	0,1 HD