



ATI SHORE

Portable digital and compact hardness
tester for tests on plastics and rubbers

The ATI logo is displayed in a gold color. It consists of a stylized, curved graphic element on the left that resembles a series of parallel lines or a wing, followed by the letters 'ATI' in a bold, sans-serif font.

ATI SHORE

Portable digital hardness tester for plastics and rubbers.



ATI SHORE is a portable digital hardness tester specifically engineered for a broad spectrum of materials, from flexible cellular products to rigid plastics. This advanced instrument is indispensable for professionals across various sectors, including manufacturing, quality assurance, and research, as it delivers precise measurements of plastic hardness, rubber, polymers, elastomers, and synthetic materials. ATI SHORE is distinguished by its compact design, ensuring exceptional portability for both on-site and laboratory applications. Its intuitive interface facilitates ease of use, enabling operators with varying levels of expertise to obtain accurate results. To perform a measurement, simply apply the probe to the sample surface and allow a few seconds for the loading time. The device then provides an immediate and reliable hardness value, streamlining the assessment process without the need for intricate setups. This hardness tester adheres to critical industry standards, including DIN 53505, ISO 868:2003, DIN ISO 7619-1:2012-2, ASTM D2240-15(2021) and JIS K 7215. Such compliance ensures that the ATI SHORE meets rigorous accuracy and reliability benchmarks, establishing it as a trusted solution for industry professionals. For quality control or research and development, ATI SHORE hardness tester consistently delivers dependable results. Its portability and user-friendly operation provide an efficient testing experience, enabling you to evaluate material properties effectively, regardless of your location.



ILAC CERTIFICATION

Set of 6 plastic or rubber specimens, from soft to hard, with accredited ILAC certificate.

TECHNICAL DATA

Model:	ATI SHORE
Compliance Standards:	DIN 53505, ISO 868:2003, DIN ISO 7619-1:2012-2, ASTM D2240-15(2021) and JIS K 7215
Parameters:	Tested result / mean value / max value
Hardness scales:	HA / HB / HC / HD / HE / HDO / HO / HOO
Display range:	0~100 HA (HB / HC / HD / HE / HDO / HO / HOO)
Test:	10~90 HA (HB / HC / HD / HE / HDO / HO / HOO)
Accuracy:	≤ ±1H
Resolution:	0.1 H
Auto switch OFF:	Aviable
Temperature:	From 0°C to 50°C and humidity < 80% RH
Power supply:	2x1.5V AAA (UM-4)
Dimensions:	162 X 65 X 28 mm
Weight:	170 g
Extra:	USB data cable with software, bluetooth data adapter with software

MODEL	INDENTER	TESTED MATERIALS	HARDNESS VALUE
A	0.79 truncated cone	Soft Rubber, Elastomers, Natural Rubber Products, Neoprene, Resin, Polyester, Soft PVC, Leather, etc.	20~90A
B	R0.1 cone	Middle Hard Rubber Materials, Typewriter Rollers, etc	> 90A, < 20D
C	0.79 truncated cone	Plastics and Middle Hard Rubber Materials	> 90B, < 20D
D	R0.1 cone	Fibre Plastics, Hard Rubber, Hard Plastic Materials, Plexiglas, Stiff Thermo Plastics, Formica, Print Roller, Vinyl-plate, Cellulose Acetate, etc.	> 90A
DO	R1.2 hemispherical	Plastics and Middle Hard up to Hard Rubber Materials	> 90C, < 20D
O	R1.2 hemispherical	Soft Elastic Materials, Print Rollers, Middle Firm Textile Fabrics, Nylon, Orlon, Perlon, Rayon	< 20D0
E	R2.5 hemispherical	Hard Sponge, EVA	> 90D0, < 20A
OO	R2.5 hemispherical	Sponge- and Cellular Rubber, Foam Rubber, Silicone, Gel-like Materials	< 200

The manufacturer reserves the right to make changes aimed at improving the products without prior notice.
Images for illustrative purposes only. Colors and product details may vary.



ASSISTANCE AND CALIBRATION SERVICE

ATI AFFRI TESTING INSTRUMENTS offers real-time technical support, with remote diagnosis for technical and software issues. We provide remote software updates to ensure our products are always up to date. We are accredited for calibration and certification service with ANAB ILAC-MRA / ISO-IEC 17025 certifications. Our scope of accreditation includes calibration of ATI and many other brands, for instruments such as Rockwell, Brinell, Vickers, Knoop, Shore hardness, tensile testing machines, compression testing machines, and much more. Contact us for a quote, regardless of the brand of equipment.

ATI is a ® trademark of
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