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# HUATEC HT-6600A



**Shore A Durometer Hardness Tester**

Digital Shore Hardness Tester HT-6600D

Product info: digital durometer for shore hardness testing pocket size model with integrated probe

Test scale: shore hardness

Standards: DIN53505, ASTM D2240, ISO7619, JISK7215

Parameters displayed: hardness result, average value, max. value

Measurement range: 0-100HD

Measurement deviation: < 1%H

Resolution: 0.1

Auto switch off

Operating conditions: 0°C to 40°C

Power supply: button battery

Dimensions: 90x55x25mm

Weight: 150g

**Shore hardness tester durometer guide line:**

Shore 000 durometer is used to test hardness of Ultra soft gels and sponge rubber..

Shore A: Soft rubber, plastics, and elastomers, printer's rolls

Shore D: Hard rubber and plastics such as thermo plastics, flooring and bowling balls.

Shore B: Harder elastomers and plastics. Paper and fibrous materials, Use above 93 Duro A.

Shore C: Medium hard elastomers and plastics. Also useful to avoid surface marks.

Shore DO: Dense granular material, textile windings

Shore O: Very soft elastomers, textile windings, soft granular materials. Use below 20 Duro A

Shore OO: Light foams, sponge rubber gels, animal tissue.

Shore M: Materials as thin as .050"

**Standard accessories:**

Main unit

Gauge case

Instruction manual

Calibration certificate

**Optional accessories:**

Calibration block kit 3pcs per kit

Platform

Type	Typical Examples Of Materials Tested	Durometer Hardness	Material Thickness
Shore A	Soft rubber, elastomers, natural rubber products, Neoprene, Polyester, resin, leather, soft PVC etc.	20 – 90 A	4 mm, DIN EN ISO 868 6 mm, DIN 53505 ISO 7619, ASTM D 2240
Shore B	Middle hard rubber materials, type writer rollers, etc.	Above 90 A Below 20 D	6 mm, ASTM D 2240
Shore C	Plastics and middle hard rubber materials.	Above 90 B Below 20 D	6 mm, ASTM D 2240
Shore D	Fiber plastics, hard rubber, hard plastic materials, Plexiglas, stiff thermo plastics, Formica, print roller, vinyl plate, cellulose acetate, etc.	Above 90 A	4 mm, DIN EN ISO 868 6 mm, DIN 53505 ISO 7619, ASTM D 2240
Shore DO	Plastics and middle hard up to hard rubber materials.	Above 90 C Below 20 D	6 mm, ASTM D 2240
Shore O	Soft elastic materials, print rollers, middle firm textile fabrics, nylon, Orlon. Perlon, Rayon.	Below 20 DO	6 mm, ASTM D 2240
Shore E	Soft rubber, highly elastic materials, plastically deformable materials.	Above 90 DO Below 20 A	6 mm, ASTM D 2240
Shore OO	Sponge and cellular rubber, foam rubber, silicone, gel – like materials	Below 20 O	6 mm, ASTM D 2240



## Hardness Range

← soft middle hard →

Shore A DIN 53505/ISO 7619/DIN EN ISO 868

Shore B ASTM D 2240

Shore C ASTM D 2240

Shore D DIN 53505/ISO 7619/DIN EN ISO 868

Shore DO ASTM D 2240

Shore O ASTM D 2240

Shore OO ASTM D 2240