

VERTEX DIGITAL SHORE HARDNESS TESTERS



Specification:

- LCD Display : 4 digits, 40 x 18 mm(1.57 x 0.71 inch)
- Measuring Range – 0 – 100 HD
- Resolutions : 0.5 HD
- Power Supply : 1 x SR44 button cell battery (included)
- Item Size : 87 (L) x 56 (W) x (D) mm
- Item Weight : 136g (4.79 oz)

Complied with ASTM D2240, ISO /R686, DIN 53505, and JIS R7215

Shore A :

- Measuring range : 0 – 100 Shore A Units
- Depth of indentation : 0 – 2.5 mm (the testing material has to be thicker than 6 mm)
- Indentor : Flat Cone Point 35°
- Measuring force : 0.55 – 8.065 N
- Test pressure : 12.5 N
- Weight : 200 g (net) ; 300 g (gross)
- Dimensions : 115 x 60 x 25 mm

Shore D :

- Measuring range : 0 – 100 Shore D Units
- Measuring force : 4.45 – 44.5 N
- Depth of indentation : 0 – 2.5 mm (the testing material has to be thicker than 6mm)
- Test pressure : 115 x 60 x 25 mm
- Weight : 200 g (net) ; 300 g (gross)




A Durometer

It is designed for testing the hardness of soft rubber, printer roller and other elastomer material (ASTM –D–2240)

D Durometer

It is designed for the hardness of soft and elastic material, spinning trunk rotation and soft grain structure materials. (ASTM—D—2240)

II. Parameters :

Model	Force	Pressure	Shape of measuring head	Length of Probe	Dial Scale
A	8.1N	1 Kg	Top  Angle (35° angle)	2.5mm	0-100 mm
D	44.5 N	5 Kg	Top  Angle (30° angle)	2.5 mm	0 – 100 mm
C	8.1 N	1 Kg	Spheric  Radius 2.38mm	2.5mm	0 - 100mm

Manufacturing by:

VERTEX ENGINEERS & ASSOCIATES

S – 250, Sector – 4, Airoli, Navi Mumbai – 400 708, Maharashtra, India.

Tel : +91 -22 - 27791675 / 65169832

Email : info@vertexmachines.com, Visit us at - www.vertexmachines.com