VERTEX

DIGITAL SHORE HARDNESS TESTER

OVERVIEW:

- Type A: Applicable to general rubber, synthetic rubber, vulcanized rubber, soft rubber, leather, wax, etc.
- Type C: Applicable to the hardness test of rubber microporous material.
- Type D: Applicable to hard rubber, hard resin, acrylic, glass, cushiony plastic cement, printing plates, fiber, etc.

SPECIFICATIONS:

- 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)
- **Indenter:** Flat Cone Point 35º
- **Measuring force:** 0.55 – 8.065 N
- **Test pressure:** 1 KG
- **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)
- **Indenter:** Cone Point 30º
- **Test pressure :** 5KG
- **Weight :** 200 g (net) ; 300 g (gross)

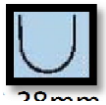
SHORE C:

- **Measuring range :** 0 – 100 Shore C Units
- **Depth of indentation :** 0 – 2.5 mm (the testing material has to be thicker than 6 mm)
- **Indenter:** Spherical Point 2.38 Radius
- **Measuring force :** 0.55 – 8.065 N
- **Test pressure :** 1 Kg

STANDARDS:

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

PARAMETERS:

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