



SHORE HARDNESS TESTER



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Features

A-type durometer applies to general rubber, synthetic rubber, soft rubber, poly-resin, leather, wax, etc.

C-type durometer applies to rubber and contains the tiny hole material that the vesicant is made in being used for plastic

D-type durometer applies to general hard rubber, hard resin, acryl, glass, thermoplastics, printing plates, fibres, etc.

Main parameters

- Dial value: 1–100 degree
- Pointer journey: 0–2.5mm
- Stress at the end of pointer: 0.55N–8.06N of A-type and C-type; 0–44.5N of D-type

Overview

- Shore durometer is used to test hardness of sulfureted rubber and plastics, such instrument has A-type/D-type/C-type.
- A-type and D-type apply to test the low and medium level hardness and high level hardness of materials.
- C-type applies to test the hardness of shoe-making porous materials made by vesicants within plastics when the compression rate is 50% and stress is beyond 0.049MPa.