

Asker Durometer

- Model EX-A*** Type Shore A Normal rubber
- Model EX-D*** Type Shore D Hard rubber and plastics
- Model EX-C*** Type Asker C Soft rubber and sponge

Super EX durometers feature portability, ease of operation, non-destructive measurement and optional peak indicators. They are heavy-duty with high repeatability.

Super EX models are available in ASTM D 2240 durometer Types (Shore hardness): Type A, D and Asker C durometer scales.

Hardness is an essential characteristic of rubber, elastomers and plastic products. The first step in using a hardness tester is to select the optimum type based upon material hardness.

*Add 'P' to the model number to specify optional peak indicator, for example EXP-A.

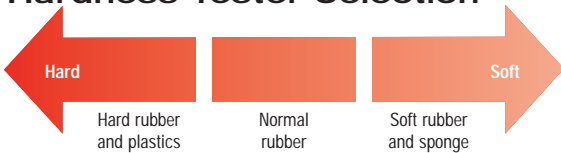


Super EX with optional peak indicator

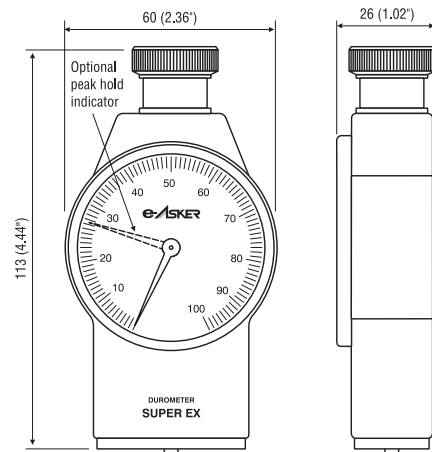
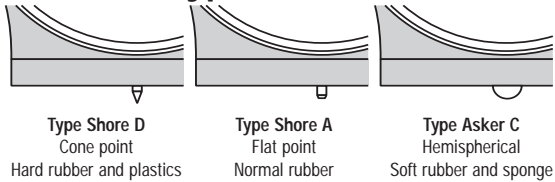


Super EX Kit

Hardness Tester Selection



Indenter Type

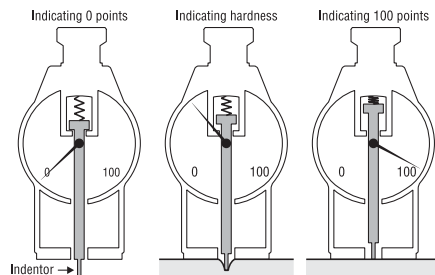


Accuracy ± 1 point

Operation

As the durometer is pressed against the sample, the material resistance force and indenter spring load balance. The depth of the indenter is measured, which provides a measure of the material's hardness.

Values are based upon a 100 point scale (accuracy ± 1 point). However, as time elapses the indicator will "creep" back so that a reading taken a few seconds after the durometer makes contact with the sample will be less than the peak reading. Asker durometers offer a peak indicator as an option to more closely monitor the difference between peak and "creep".



Calibration Equipment

Durometers can be checked for proper operation using an indenter height gauge to check the height of the indenter point. Available for type A, D and Asker C. Two gauges measure 2, 50 and 100 points. A load tester and weights are available to check the spring load.



Specifications subject to change without notice.

For critical applications use the Durometer Constant Load Stand Model CL-150

- Test weight is constant
- Test speed is adjustable with air damper
- Unique flexible joint system automatically aligns to surface of sample



Automatic Durometers Available

