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Asker Durometer

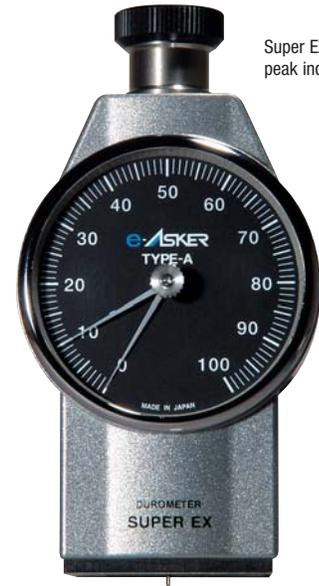
- Model EX-A*** Type **Shore A** Normal rubber
- Model EX-D*** Type **Shore D** Hard rubber and plastics
- Model EX-C*** Type **Asker C** Soft rubber and sponge

Super EX durometers feature portability and quick operation with high repeatability. They have heavy-duty metal cases and optional peak indicators.

Super EX models are available in Durometer Types: Shore A Hardness, Shore D Hardness and Asker C Hardness.

Hardness is an essential characteristic of rubber, elastomers and plastic products. 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

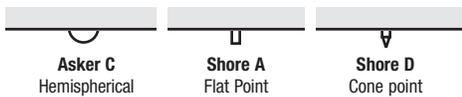


Super EX Kit

Hardness Tester Selection



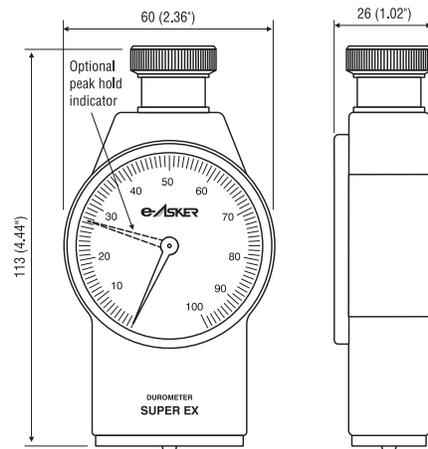
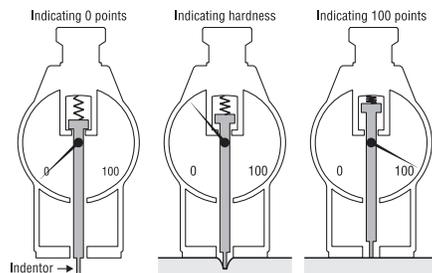
Indenter Type



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".



Accuracy ± 1 point

Accuracy Checker

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. Not for calibration.



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

