



Hardness Tester for Foam & Sponge Rubber



Made In U.S.A.



Model 302SL Durometer for foam and sponge rubber


The Model 302SL is a hand-held foam and sponge rubber hardness tester made exclusively by PTC® Instruments. The instrument has the capability to economically test the same type of material checked with an ILD tester. There is no direct conversion from the 302SL scale to ILD readings, however, the 302SL can be used for comparative testing.

Each durometer is calibrated to ±2.8gf and has an indenter with a contact area of one square centimeter. The Model 302SL has a Max Hold hand which maintains the peak reading until reset. The unit includes a test block and carrying case.

Tests are made by placing the instrument on the material to be checked and pressing gently until the base of the durometer is flush with the material's surface. Sample material should have an area of at least 1-1/4" square and be at least 3/4" in thickness.

For the most accurate readings, a test stand should be used. The Model 470 Test Stand is available for better repeatability

- **Accurately Measure the Hardness of Foam, Sponge Rubber, & Similar Materials**
- **Easy to Read 0 to 100 Point Dial**
- **Max Reading Pointer Standard**
- **NIST Certification Available**
- **Accessory Deadweight Test Stand available**



Calibration Laboratory
Certificate No. 1896.01

PTC Metrology™ is accredited by A2LA for durometer calibration to ISO/IEC 17025 & ANSI/ NCSL Z540-1. NIST traceable certification is available for all durometer types covered by current ASTM D2240, ASTM F1957, ISO 868, ISO 7619, and DIN 53505 Standards.

The Calibration Report will include both "as received" and "as left" data. Complete durometer calibration includes: indenter geometry and extension, indicator linearity, and force curve.

Other durometer types, custom models, and durometers of any manufacture can also be certified by PTC Metrology™.

SPECIFICATIONS

1. Accuracy..... ±2.8 gf.
2. Dimensions:
 - Height..... 4 in. (10.2 cm).
 - Width..... 2-1/4 in. (5.7 cm).
 - Depth 1-3/4 in. (4.4 cm).
3. Weight 9-1/2 oz. (269 g).
4. Shipping weight 3 lbs. (1.4 kg).
5. Finish (case)..... blue mottle.

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