



# Analog Classic Style Durometer Foam & Sponge Rubber 302SL



The Model 302SL Foam & Rubber Durometer is a unique instrument that measures the hardness of soft materials such as foam rubber, sponge rubber, cellular material and gel-like materials.

- Max Hold Pointer Standard
- A2LA/NIST Certification Available
- Easy to Read 0 to 100 Point Dial
- Accessory Test Stands Available
- Each Instrument is Individually Calibrated
- Measure the Hardness of Foam & Sponge Rubber
- Includes Aluminum Test Block and Sturdy Carrying Case



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  $\pm 2.8$ gf 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.

PTC Metrology™ is accredited by A2LA for durometer calibration to ISO/IEC 17025:2017. NIST traceable certification is available for all durometer types covered by current ASTM D2240, ASTM F1957, ISO 868, ISO 7619 and DIN 5305 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 from other manufacturers can also be certified by PTC Metrology™.

## SPECIFICATIONS

Range (Type SL)	0 to 100 points
Accuracy	$\pm 2.8$ gf.
Test Block (included)	Model 405
Height	4 in. (10.2 cm)
Width	2-1/4 in. (5.7 cm)
Depth	1-3/4 in. (4.4 cm)
Weight	9.5 oz. (269g)
Shipping Weight	3 lb. (1.4 kg)



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