

Durometer Operating Stand 474



Durometer Stand #474

- *Hydraulic Speed Control*
- *ASTM D2240 Type 2 Indentor to Specimen*
- *Simplifies Hardness Testing*
- *Locking or Self-Leveling Table*
- *Adjustable Rate of Descent*
- *Increases Repeatability*

Precision engineered durometer test stand controls the rate of descent with hydraulic speed control for minimizing shock. When properly used, this stand and your durometer will make the most accurate hardness readings.

The support table can be locked level by tightening the left and right knobs on the base. The table can also be used in the self-aligning mode to accommodate non-parallel material test specimens.

Applies a mass sufficient to overcome the calibrated spring force.

The stand will accept sample materials up to 3" thick. Custom stands are available for larger samples.

For Classic Style (shown above) & Ergo Style
Type C, D and DO

(durometer sold separately)

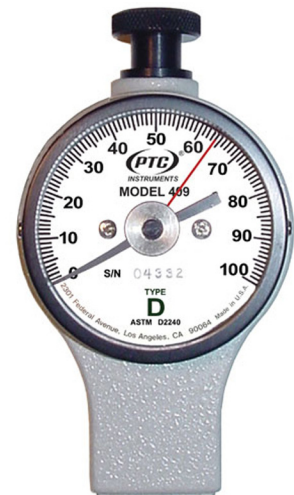
**Durometers for operating stand
474**

Classic Style
307L Type D | 307CL

Ergo Style
409C | 409D | 413DO



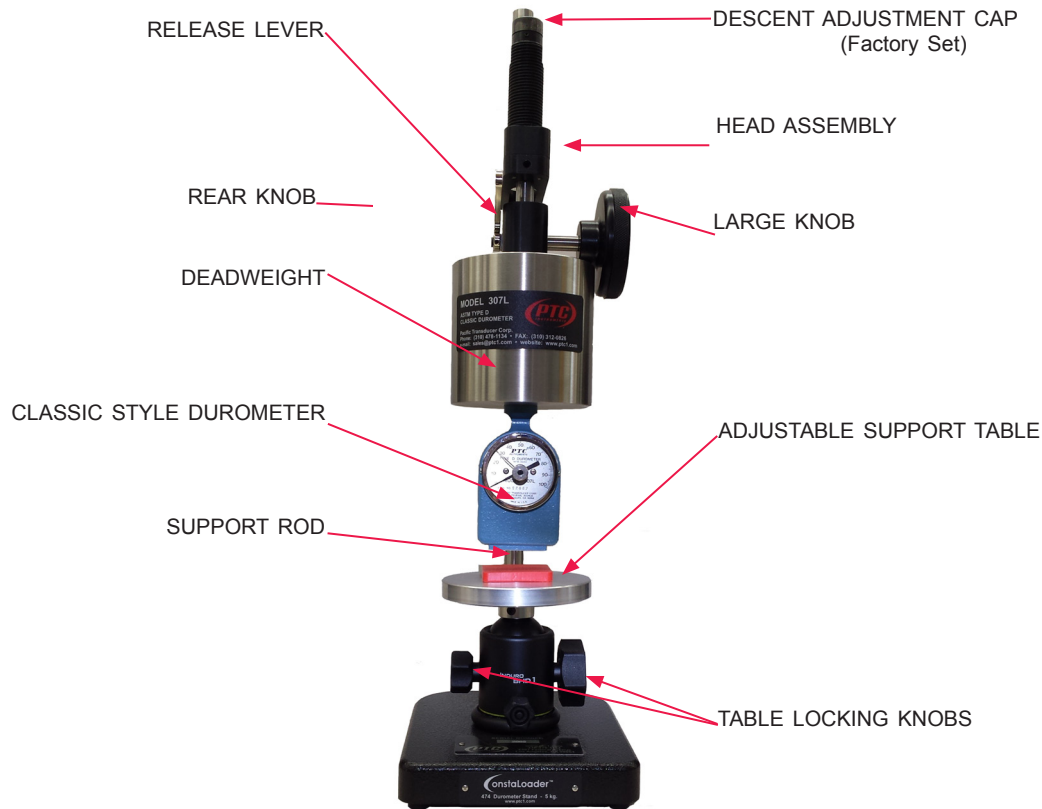
Classic Style Durometer



Ergo Style Durometer

ConstaLoader™ 474 Specifications

Height 23 in. (58.4 cm)
Weight 24 lb. (10.9 kg)



Please Read Completely before operating your Stand.

Model 474 ASTM D2240 Type 2 Operating Stand for Durometer Types C, D and DO

NOTE: Always keep a small rubber or soft plastic block below the indenter to protect the tip from contacting the specimen table directly. If the Type C or D indenter makes contact with the support table, damage may occur.

After carefully unpacking the unit, place the operating stand upright on a desk or bench.

Using the rear knob adjust the height of the upper assembly near the top of the support rod. Please be careful as the assembly is heavy.

Attach the deadweight to the threaded shaft on one end of the 8-32" screw and mount the durometer on the other end.

Turn the large knob clockwise, raising the durometer and deadweight, until the shaft locks in place, held by the release lever.

Place the test specimen on support table. Position the durometer pressor foot $\frac{1}{2}$ " above the test specimen. Loosen the rear knob, slowly while supporting the head assembly. Tighten the rear

knob so that the knob screw is against the flat section of the support rod.

The adjustable table can be locked in place by tightening the left and right knobs on the base. Adjust the table so that the surface of the specimen is perpendicular to the durometer pressor foot. The table can also be used in the self-aligning mode to accommodate non-parallel material test specimens.

Hold the large knob with your right hand. Lift the locking lever with your left hand. Release the large knob gently allowing the durometer to descend. The hydraulic speed control will provide a controlled rate of descent. Tapping the table may provide more repeatable readings.

NOTE: The rate of descent has been factory set to make repeatable hardness measurements.

This operating stand conforms to ASTM D2240 Type 2 stand for Durometer Types C, D & DO. It is capable of applying the indenter to specimen in a manner that minimizes shock.

Type 3 stands which require a maximum rate of descent of 3.2mm/s are only required for Type M durometers.