ConstaLoader™ Durometer Operating Stand 472

Made In U.S.A.

Durometer Stand #472

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

Precision engineered durometer stand has an oil-free air pot to give a smooth, controlled descent. When properly used, this stand and your durometer will make the most accurate hardness readings.

The table can be adjusted and set in place to test materials with nonparallel top and bottom surfaces.

Applies a mass sufficient to overcome the calibrated spring force.

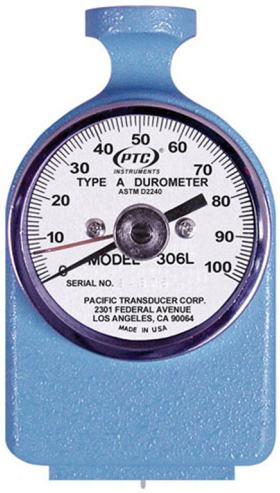
The stand will accept sample materials up to 3" thick. Custom stands are available for larger samples.

ConstaLoader™ Deadweight Test Stand for
Classic or Ergo Style
ASTM Type A, B, E & O Durometers
(durometer not included with stand)

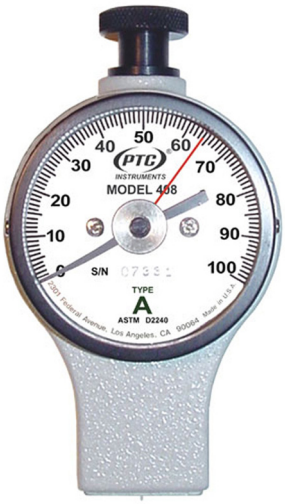
Durometer	Stand
*e*2000™ Style Durometers	Model 472-1
Pencil Style Durometers	Model 472-2
Classic & Ergo Style Durometers	Model 472

ConstaLoader™ Specifications

Height	18 in. (46 cm)
Weight	12 lb. (5.4 kg)
Shipping weight	17 lb. (7.7 kg)



Classic Style Durometer



Ergo Style Durometer

MODEL 472
SETUP INSTRUCTIONS

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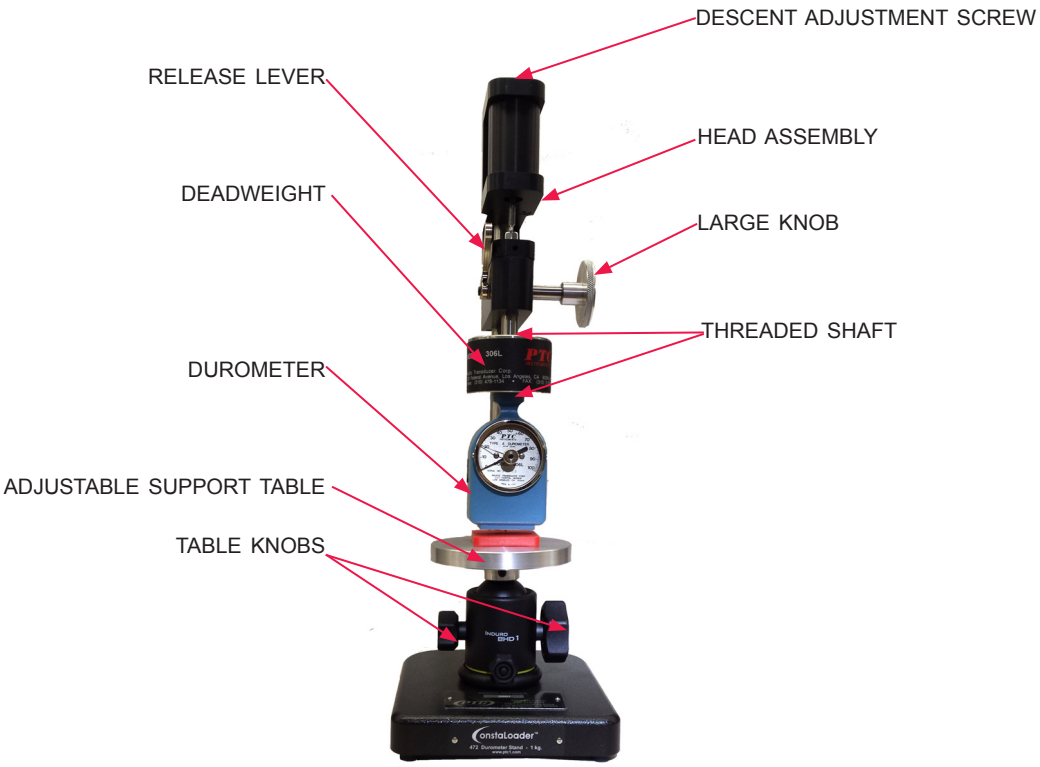

Please Read Completely before operating your Stand.

Model 472 ASTM D2240 Type 2 Operating Stand for Durometer Types A, B, E, and O

NOTE: Always keep a small rubber or soft plastic block below the indentor to protect the tip from contacting the specimen table directly. If the Type C and D indentor 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 ½" 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 A, B E & O. 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.