



Deadweight Test Stands for Classic & Ergo Style Durometers








Made In U.S.A.



Model 471 Deadweight Test Stand (shown above)
Durometer not included with stand

- ASTM D2240 Type 1 Specimen to Indentor
- Increases Repeatability
- Simplifies Hardness Testing
- Self Aligning Table
- Stands for all ASTM Durometer Types (except type M durometers)
- Mounts to PTC® Classic & Ergo Style Durometers and other top mount durometers.

Stand	Durometer Type
Model 470 	OO, OOO, & 302SL
Model 471 	A, B, E & O
Model 473  	A, B, C, D, DO, & O
Model 475 	C, D, & DO

Precision engineered durometer stands are capable of applying the specimen to indentor in a manner that minimizes shock. When properly used, this stand and your durometer will increase repeatable hardness measurements.

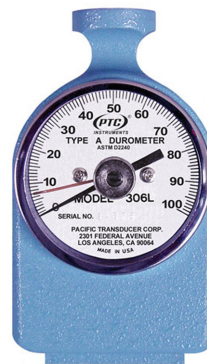
The table is self-aligning to allow testing of non-parallel material for increased repeatability.

These stands will test materials up to 5" thick. Custom stands are available for larger samples.

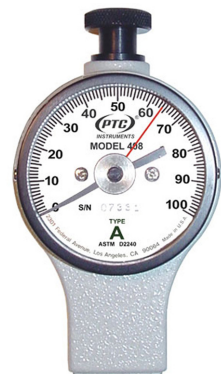
SPECIFICATIONS

Models 470, 471, 473, & 475 are designed for PTC® Classic and Ergo Style durometers ASTM type A, B, E and O

1. Maximum height for sample 5 in. (12.7 cm).
2. Dimensions:
 - Height.....17 in. (43.2 cm).
 - Width.....6 in. (15.2 cm).
 - Depth 6-1/2 in. (16.5 cm).
3. Shipping weight:
 - Model 470 14 lbs. (6.4 kg).
 - Model 471 15 lbs. (6.8 kg).
 - Model 473 25 lbs. (11.3 kg).
 - Model 475 21 lbs. (9.5 kg)



Classic Style Durometer



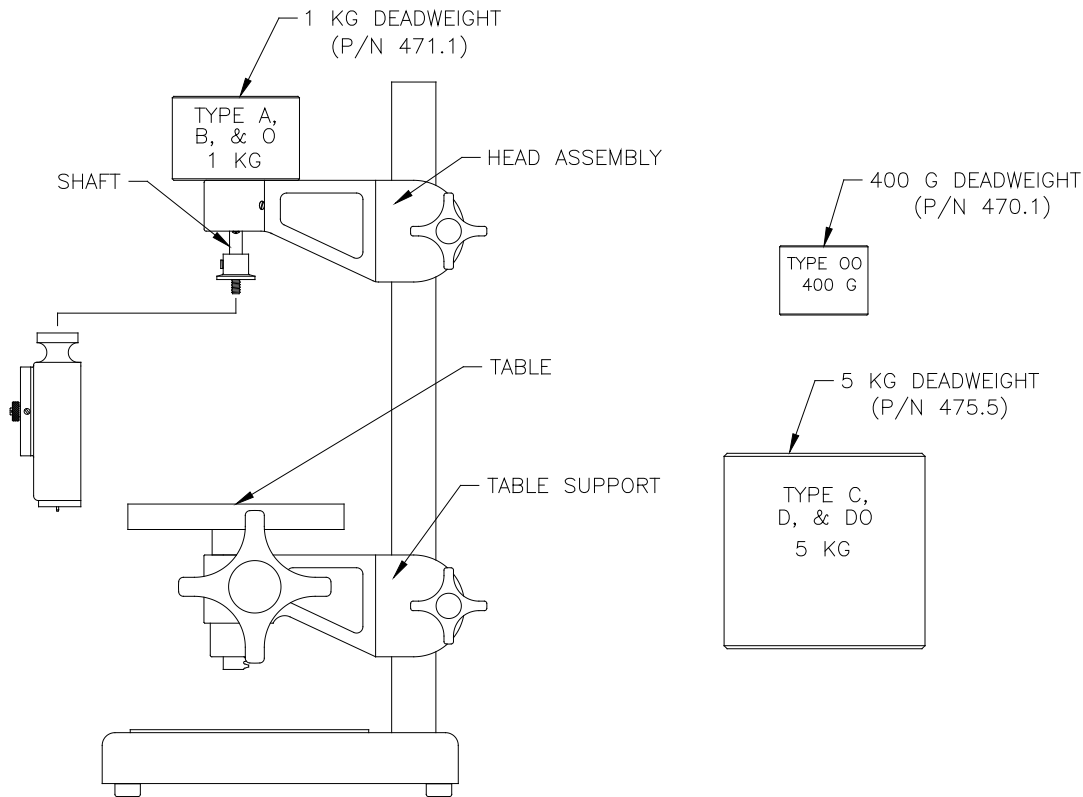
Ergo Style Durometer

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470, 471, 473, & 475 SET-UP INSTRUCTIONS



BEFORE USING THIS STAND WITH YOUR DUROMETER, IT IS IMPORTANT THAT YOU FOLLOW THESE STEPS IN SETTING UP THIS TEST STAND.

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

Mount the durometer to the setscrew (8-32") at the bottom end of the shaft.

Adjust the head and/or table support so that the durometer is located directly along the centerline of the table. Please note that this alignment is critical.

Place the sample to be measured squarely on the movable stage.

Set and lock the stand so that the durometer foot is about 1/4 inch above the sample. Either the table support or head (upper) assembly can be moved up or down as needed a hex key is enclosed.

Place appropriate weight on the 1/8 inch shaft at the top of the stand. The setscrew fits into the slot machined in the bottom of the weight.

ASTM types OO, OOO, or Model 302SL: Use a 400 gram deadweight (P/N 470.1).

ASTM types A, B, E & O: Use 1 kg deadweight (P/N 471.1).

ASTM types C, D, & DO: Use the 5 kg deadweight (P/N 475.5).

The stand is now set up and ready to make hardness measurements. When making a measurement, turn knob and lift stage so that sample contacts the durometer base and the load cell just separates or deadweight is lifted. See durometer instructions for additional information on testing.