



# Deadweight Durometer

## Test Stand Model 478



- Simplifies Hardness Testing
- Increases Repeatability
- Self Aligning Table
- Mounts to PTC®'s **e2000 Style** Durometers
- Compatible with other Top Mount Durometers
- ASTM D2240 Type 1 Specimen to Indenter

**PTC® 478 Test Stand is compatible with the following durometers...**

**ASTM Type A** (*neoprene, EPDM rubber, polyurethane, printing rollers, silicone, white PVC, other similar materials.*)

**ASTM Type B** (*skate wheels, printing platen, rubber, thermoplastic, and elastomers.*)

**ASTM Type E** (*medium density textile windings, soft rubber, foamed elastomers, wound threads, yarn packages.*)

**ASTM Type O** (*soft printing rollers, nylon, rayon, orlon, artgume, and textile windings.*)

### SPECIFICATIONS

Maximum Height Sample	6 in (15.2 cm)
Height	17 in. (43.2 cm)
Shipping Weight	20 lb. (9.7 kg)

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

Applies sufficient weight to assure firm contact between the pressor foot and the specimen avoiding hand held fatigue.

The support table is self-aligning for use with non-parallel material.



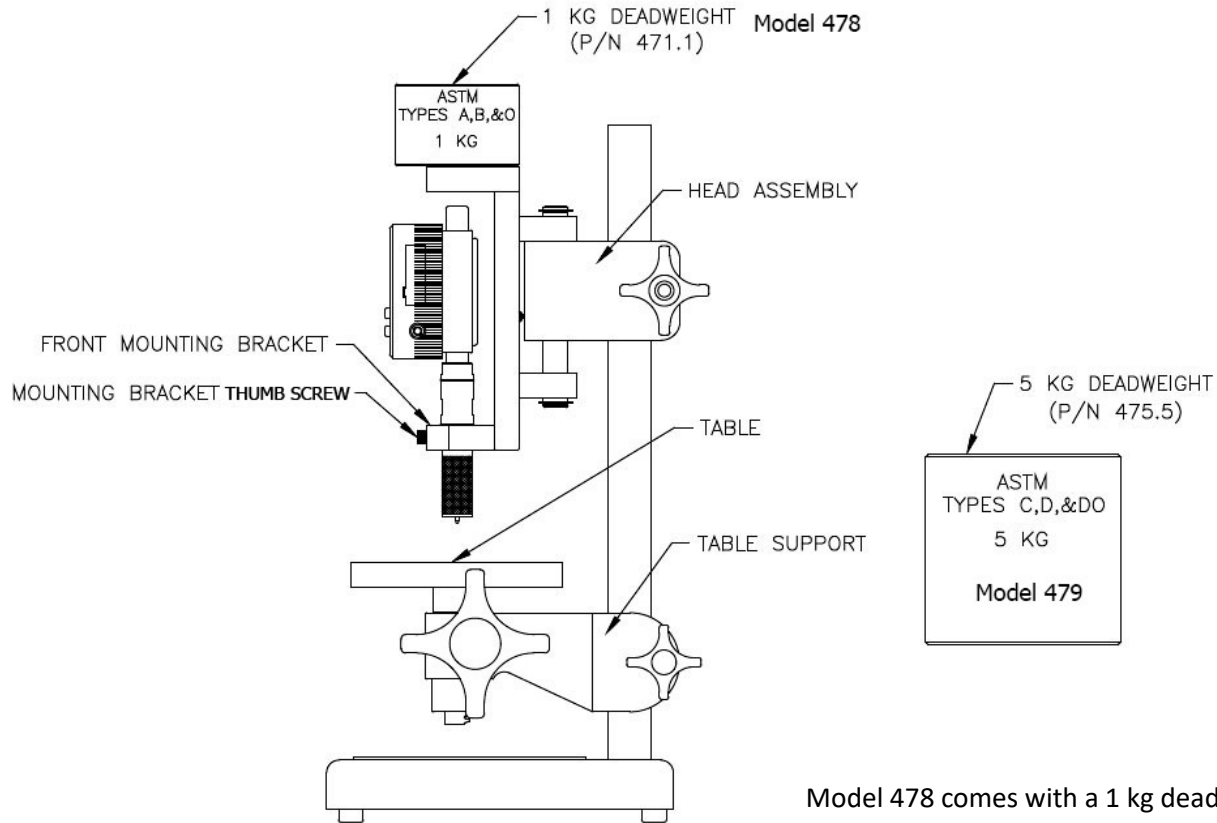
PTC® e2000 Style Durometer

- e2000 Durometer Model 501A Shore A scale
- e2000 Durometer Model 501B Shore B scale
- e2000 Durometer Model 501E Shore E scale
- e2000 Durometer Model 501-O Shore O scale



# SET-UP INSTRUCTIONS

## Test Stand Model 478



Model 478 comes with a 1 kg deadweight

Model 479 comes with a 5 kg deadweight

### IMPORTANT PLEASE FOLLOW THESE STEPS IN SETTING UP THIS TEST STAND BEFORE YOU BEGIN TESTING.

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

For model 478 stands, use Thumb Screws to loosen the the front mounting bracket and remove the bracket. Place Type A, B, or O durometer in the rear mounting bracket so that the top of the rubber grip is just below the bottom of the mounting bracket and replace the front mounting bracket. Tighten the Thumb Screws to secure the durometer in place.

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 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 durometer & deadweight assembly is lifted slightly. See durometer instructions for additional information on testing.