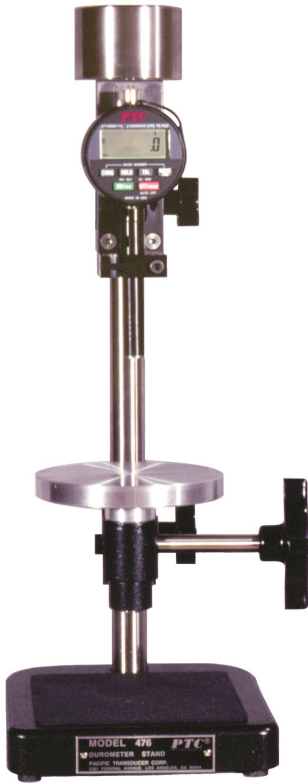




Deadweight Durometer Test Stand Model 476 & 477



- Simplifies Hardness Testing
- Increases Repeatability
- Self Aligning Table
- Mounts to PTC®'s **Pencil Style** Durometers
- Correct Load for ASTM Types A, B, O and C, D , DO
- Compatible with other Top Mount Durometers
- ASTM D2240 Type 1 Specimen to Indenter



Accredited Laboratory

A2LA has accredited
PTC METROLOGY
Los Angeles, CA

for technical competence in the field of
Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This laboratory also meets R205 - Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-IAC-IAF Communiqué dated April 2017).



Presented this 8th day of March 2022.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1894.01
Valid to March 31, 2024

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

Maximum Sample Height	6 in (15.2 cm)
Stand Height	17 in. (43.2 cm)
Shipping Weight	13 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.

These stands will test materials up to 5" thick.

Digital Pencil Durometers

Stand 476 Pencil Durometers A, B and O

Stand 477 Pencil Durometers C, D, and DO

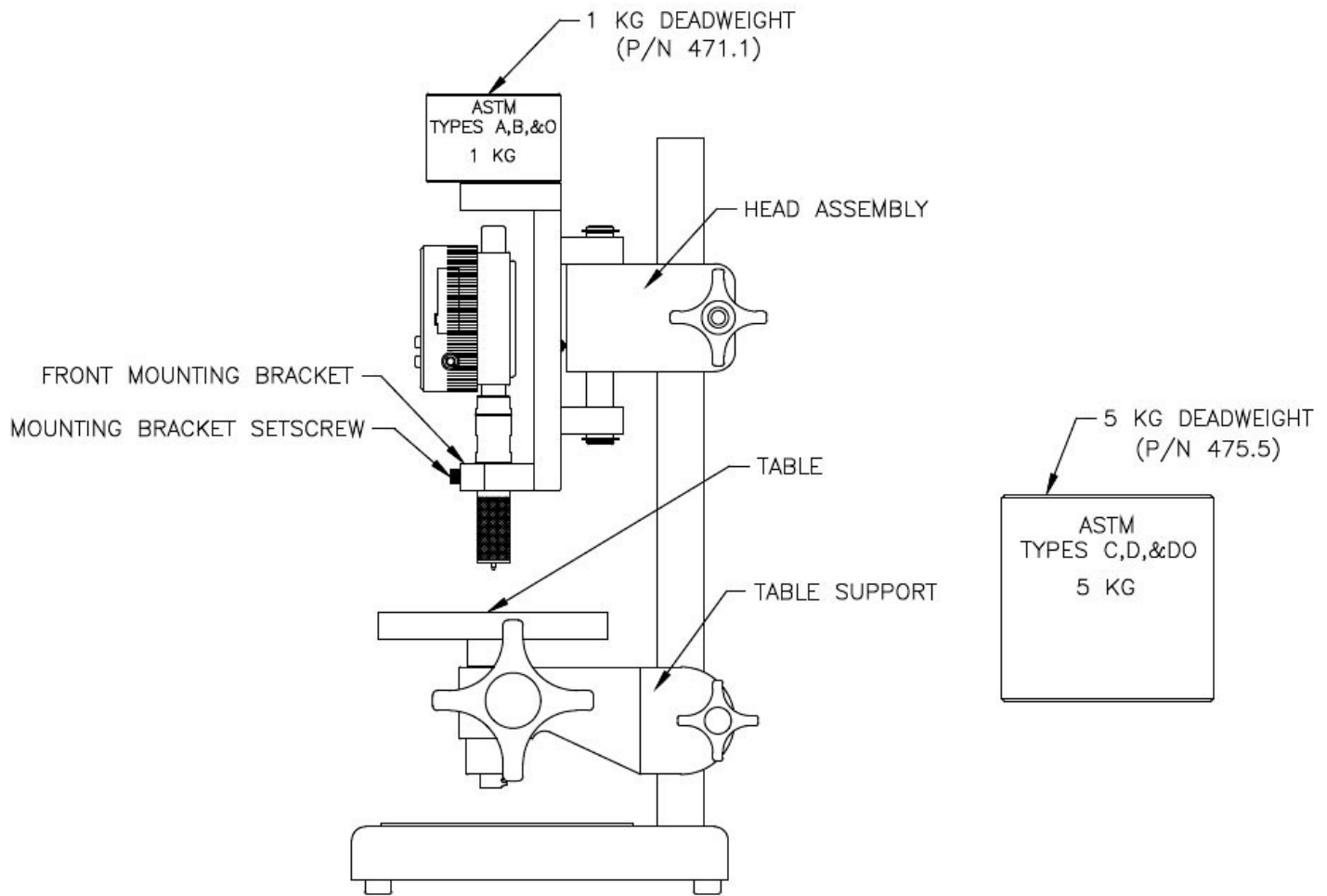


Analog Pencil Durometers



SET-UP INSTRUCTIONS

Test Stand Model 476 & 477



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

For model 478 stands, use included hex key to loosen the two setscrews on 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 setscrews 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.