

Manual Durometer Stand

Lever-Operated with Pneumatic Damper

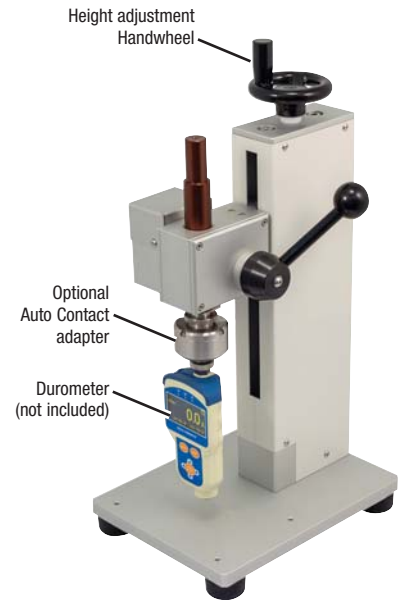
Models: SY-L and SY-H

- Simple lever operation
- Pneumatic damper provides smooth downward movement and prevents sharp drops
- Handwheel enables easy height adjustment
- Heavy-duty metal construction
- Accommodates multiple durometer scales

SY Manual Durometer Stand minimizes the speed and load variables which occur when hand-testing samples with a durometer. The load and speed the durometer applies to the sample are kept constant with a standard weight and pneumatic damper. Multiple scales can be tested using the appropriate durometer, weight and damper setting.

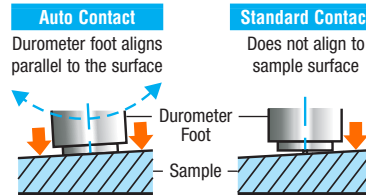
Operation

Use the handwheel to adjust clearance from the sample. Lightly pull the lever forward to start the durometer moving down. Push the lever back to reset the durometer for the next test.



Optional Auto Contact Adapter

Optional Auto Contact adapter automatically aligns the durometer foot parallel to the sample surface to comply with ASTM D2240 requirements, eliminating the need for user verification before testing.



Analog Durometer Available (Model E2)

- Available in Shore A, C, D, D0, O, E, B and Asker C scales
- Lightweight, durable, recyclable, magnesium-alloy case
- Optional peak indicator
- Calibration cert traceable to NIST included



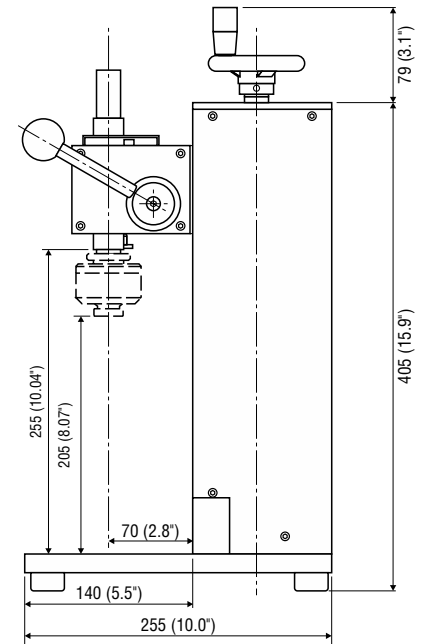
Digital Durometer Available (Model TKD)

- Program with simple menus and push-button operation
- Records peak and timer data
- Auto Average— averages a selectable number of readings
- Wireless output available with TKX durometer
- Optional Data Acquisition Software SW-1-TK captures and analyzes data from TK digital durometers. The spreadsheet provides a running log of peak and timer measurements along with a profile graph and statistics. Start or stop testing by using buttons in the software.



Motorized Stand Available (Model YMS)

- OLED display is visible in dark environments
- Simple operation: Press the MEASURE button
- Modes: Peak, Timer Hold and Manual
- Digital Speed Control: 0.5 – 20.0 mm/second
- Auto height adjustment



Models & Scales

Model	For Durometer Scale
SY-L	Shore A, B, E, O and Asker C
SY-H	Shore C, D, D0

Specifications

Item	Description
Clearance	255mm 205mm with optional Auto Contact adapter
Throat	70mm

Specifications subject to change without notice.