



Constant Load Weight Model 441

ASTM Type A•B•O



- Use for ASTM Type A, B & O Durometers
- Maximize Accuracy & Productivity
- Eliminates User Error for Hand-Held Measurements
- 8/32 Threaded Post, Easy Attachment to Durometers

PTC®'s Model 441 Constant Load Weight is designed to meet the recommendation in ASTM D2240 Specifications for improving durometer repeatability. ASTM suggests that better repeatability may be obtained by adding a mass centered on the axis of the indenter. Recommended mass for Type A, B, and O durometers is 1 kg. While a durometer stand will provide maximum repeatability, many applications do not allow a test stand to be used. This weight provides a constant load for hand-held measurements.

Designed specifically to assist in taking durometer hardness measurements of printing rollers, the Model 441 helps to remove user error when taking these critical roller hardness readings. Applications also include field testing and random spot-checks where use of a test stand would be cumbersome or impractical. The load weight and durometer combination should be used when the sample material (i.e. printing rollers) is too large for test stand use.

The Model 441 is machined from austenitic stainless steel. This constant load weight has been designed for use with PTC® Type A, B, and O durometers but is compatible with most durometers of other manufacture. The weight attaches directly to the top of the durometer.



SPECIFICATIONS

Durometer Types	A, B & O
Material	Stainless Steel
Height	1.625 in. (4.1 cm)
Diameter	2.5 in. (6.4 cm)
Weight	2.2 lb. (1 kg)
Shipping Weight	4 lb. (1.8 kg)