

# PosiTector® SHD Verifier

## Shore Hardness Durometer Accuracy Verification Kit

Ideal for checking the accuracy and operation of Shore hardness durometers and an important component in fulfilling both ISO and in-house quality control requirements.

### Features include...

- High precision load cell and handheld smart sensor indicator verifies PosiTector SHD Shore A and Shore D durometers
- Ready to use with all PosiTector Shore Hardness Durometers
- Precise load control with micrometer adjustable stage
- Ideal for laboratory use
- Fitted with replaceable Shore A or Shore D Targets to protect probe tips
- Portable — requires no external power source
- Comes with a Sample Certificate of Accuracy
- Certificates of Calibration showing traceability to NIST included for both the load cell and smart sensor indicator
- One year warranty
- Made in USA



The PosiTector SHD Verifier and the included documents allow the user to certify the accuracy of PosiTector SHD Shore Hardness Durometers in-house.

**Sample Certificate of Accuracy**

Company Name: \_\_\_\_\_ Date Testing Performed: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Customer Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Product Description: PosiTector SHD Shore Hardness Durometer  
 Model number: \_\_\_\_\_  
 Serial number: \_\_\_\_\_  
 Laboratory Temperature:  $\pm$  /  $\pm$  °C  
 Measurement conducted in accordance with procedure number: \_\_\_\_\_  
 Standard Measurement System Uncertainty:  $\pm$  17.8 mN

Spring Load in Durometer Units										
Standard	10	20	30	40	50	60	70	80	90	100
Gage										

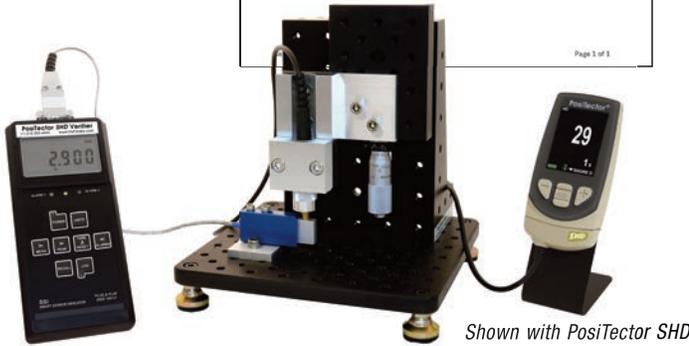
Measurement Performed By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Measurement was performed using test equipment traceable to NIST. This calibration certificate shall not be reproduced except in full, without written permission from the calibration provider.

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<b>Range</b>	0 - 10 lbs
<b>Resolution</b>	.001 lbs
<b>Accuracy</b>	$\pm$ 0.004 lbs ( $\pm$ 17.8 mN) ( $\pm$ 0.04 Shore D) ( $\pm$ 0.238 Shore A)

Note: Verifier displays Imperial units only.



Shown with PosiTector SHD (not included)

**DEVICE COMES COMPLETE** with load cell, smart sensor indicator, built-in rechargeable Lithium Ion batteries with universal AC adaptor, replaceable Shore A (aluminum) and Shore D (brass) targets, allen wrench, instructions, Sample Certificate of Accuracy, hard shell carrying case, two Certificates of Calibration traceable to NIST, one (1) year warranty.



**CASE SIZE:** 38.1 x 30.5 x 25.4 cm  
(15" x 12" x 10")

**SHIPPING WEIGHT:** 7.38 kg (16.3 lbs.)

### EASY OPERATION

1. Insert the appropriate Target (Shore A or Shore D) into the load cell.
2. Connect the Shore Hardness Probe to the PosiTector SHD Verifier's Loading Fixture using the supplied Allen wrench.
3. Apply pressure using the micrometer adjustable stage.
4. Compare values from the durometer and the Verifier.

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The Measure of Quality

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