

**TQC SHORE HARDNESS TEST A AND D**

LD0550, LD0551

DATASHEET

**PRODUCT DESCRIPTION**

The TQC Shore Hardness Gauge is a reliable instrument for measuring the impression hardness of soft materials such as coatings, plastics and rubber. Equipped with a drag indicator, which holds the highest measured result. Delivery includes a simple test block.

**BUSINESS**

Coating Laboratories, Paint Production

**STANDARDS**

ASTM 0 2240, DIN 53505, ISO 0 2240

**FEATURES**

- Made of anodised aluminum and stainless steel
- Drag pointer gives the maximum reading of the hardness  
Revolving graduation scale
- Test Block included

**SCOPE OF SUPPLY**

- Shore hardness test
- Calibration block
- Carrying case

**ORDERING INFORMATION**

LD0550 – TQC Shore A hardness test

LD0551 – TQC Shore D hardness test

**ACCESSORIES**

LD0559 – TQC Shore stand (Shore A)

LD0554 - Weight 4000gr Shore D for TQC Stand

**SPECIFICATIONS**

Range : 0-100  
Accuracy : 0,006  
Material : Stainless steel, anodised aluminum  
Width : 25mm

Height : 110mm  
Length : 60mm  
Weight : 230gr

## USE

---

- Hold the Durometer in vertical position above the specimen.
- Press the Durometer down without shock until the presser foot (1b) is in full contact with specimen (see photo above at the right). The drag pointer (2) gives the maximum reading of the hardness. (take readings after: 3s=DIN 53505, 1s=ISO 868 and ASTM D 2240).

## SPECIAL CARE

---

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.
- We recommend annual calibration

## SAFETY PRECAUTIONS

---

- Not suitable to be put in the sun or in the high light
- Avoid using it in over-high or over-low temperature environment
- Avoid humidity
- Always make sure the instrument is connected to an earthed electric socket.
- Always make sure the instrument's power is turned off while adjusting any electric component
- A knife is a sharp object. Be careful when using it.

## DISCLAIMER

---

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.