

SHORE HARDNESS TEST A AND D

LD0550, LD0551

DATASHEET

PRODUCT DESCRIPTION

The 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 D2240, DIN 53505, ISO 868

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 points
Accuracy : 1 point
Diameter Base : 18 mm / 0,71 inch
Material : Stainless steel, anodised aluminum



Dimensions : 25x60x110 mm / 0,98x4,44x2,36 inch

Weight : 230g / 8,11 oz

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 0s (direct)=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.

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