



Durometer Shore Hardness test

LD0550, LD0551

Datasheet

Product Description: 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. Durometer type A for materials such as elastomers, vinyl, rubber, leather, pvc, silicone-rubber, teflon, neopreen, etc.. Durometer type D for materials such as polyester, ABS, nylon, polyurethane, kevlar, acryl, wood, polystyrene etc..

Standards

- DIN 53505 Härteprüfung nach Shore A und D
- ISO 868 Determination of indentation hardness by means of a durometer (Shore hardness)
- ASTM D 2240 Standard Test Method for Rubber Property-Durometer Hardness

Application/ application area's:

Automotive, coating industry, construction/building maintenance, laboratory, paint, galvanize, pharmaceutical

Features:

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



Standard delivery:

- Hardtop box
- Durometer
- Manual
- Test block 25 / 50 / 75 (LD0550 Durometer A); 10 (LD0551).

Optional items:

Durometer Test Stand LD0559

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).

Technical data

Range	: 0-100
Accuracy	: 0,006
Material	: Stainless steel, anodised aluminum
Width	: 25mm
Height	: 110mm
Length	: 60mm
Weight	: 230gr.

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ances weegschalen Waagen surface cleanliness oppervlaktezuiverheid Oberflächenreinheit film application filmapplicatie Filmaufziehgeräte coat



Special care

- 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.
- We recommend annual calibration.

Safety Precautions:

- Never press the indenter (1a) on sensitive or hard materials (e.g. steel, glass, human hands, eyes).
- Not suitable for children.
- Always store the Durometer and its components in the carrying case, when it's not being used.

Disclaimer:

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