

## SHORE HARDNESS GAUGE TEST STAND

LD0559

MANUAL

### 1 PRODUCT DESCRIPTION

The TQC Durometer test stand is suitable for use with the TQC Shore A and D type durometers. Prior to testing the appropriate weight should be applied. The use of the Durometer test stand allow for more accurate and reproducible measurement of the Shore A and D hardness on plactic, rubber, sealants, synthetics and natural products.

- Suitable for use with LD0550 (Shore A) and LD0551 (Shore D) Shore gauges
- Automatic raiser when used as Shore A stand
- Lifting aid when used as Shore D stand
- Adjustable Glass test bed.



NOTE: For testing Shore D additional weight set LD0554 is required

#### 1.1 Specifications



Shore A test stand with weight setting possibility according to ISO 868 and DIN 53505.

Manual vertical Durometer placement on sample.

Placement possibility of optional Shore D weight set.

Weight specification of the Durometer test stand.

	Shore A		Shore D	
	kg	N	kg	N
<b>DIN 53505</b>	1.27 kg	12.5 +/- 0.5 N	5.097 kg	50,0 +/- 0.5 N
<b>ISO 868</b>	1 kg	9.8 N	5 kg	49.0 N

### 2 STANDARDS

ISO 868; DIN 53505 . Look up the appropriate standard for a correct execution of the test.

### 3 WHAT'S IN THE BOX?

---

- Shore test stand
- Shore A weight set

### 4 OPTIONAL ITEMS (TO BE ORDERED SEPARATELY)

---

LD0554	Shore D weight set
LD0550	TQC Shore Hardness Gauge type A
LD0551	TQC Shore Hardness Gauge type D

### 5 PERFORM A MEASUREMENT

---

- Set the weights according to the required standard.
- Remove the screw cap from the shore meter and mount it in the shore stand.
- Use the shore gauge as normal, however lower and raise it by lowering or raising the handle. Always raise or lower the handle fully.

### 6 MAINTENANCE

---

- 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.

### 7 DISCLAIMER

---

The right of technical modifications is reserved.

The information given in this manual is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this manual 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 manual 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 manual is liable to modification from time to time in the light of experience and our policy of continuous product development.