

## Analog SHORE Durometer

**ARW HBA** *For order 220121721*

**ARW HBC** *For order 220121760*

**ARW HBD** *For order 220121722*

- Measuring hardness Shore A, C, D
- Accuracy 1% of measured value
- Peak Hold function (red needle)
- Standards: DIN 53505 - ASTM D2240 - ISO 868

### Metering modes:

Place the needle of the maximum to zero, then hold the instrument in the lower base with the hand, positioning it on the surface to be tested and applying a slight pressure so that the support base adheres completely to the surface of the object, at this point it is possible to read the instantaneous value on the main needle and the peak value on the red needle.



Typical applications of the different scales of measurement:

- **Shore A:** rubber, elastomers, neoprene, silicone, vinyl, soft plastics, felt, leather and similar materials
- **Shore C/0:** soft materials such as foam rubber, sponge, etc..
- **Shore D:** Plastic, Formica, epoxy resins, plexiglass, etc.



Supplied with wooden case and test sample.

### MANUAL TEST STAND

#### Version for SHORE A/O

*For order 220121792*

#### Version for SHORE D

*For order 220121854*



### TECHNICAL FEATURES

■ Measuring range:	Mod. HBA 0...100 Shore A with resolution 1.0
	Mod. HBC 0...100 Shore C/0 with resolution 1.0
	Mod. HBD 0...100 Shore D with resolution 1.0
■ Accuracy:	1% of measured value
■ Dimensions:	L 115xB60xH25 mm
■ Weight:	160g

## Digital SHORE Durometer

These compact and practical instruments allow the measurement quickly the hardness of any particular of rubber or plastic (depending on the version) through the simple resting on the surface with a slight pressure.

	SHORE A	SHORE D
■ Model	Shore A	Shore D
■ Range	0 - 100 shore A	0 - 100 shore D
■ Resolution	0.1 shore A	0.1 shore D
■ Accuracy	< ± 1.5 %	< +/- 1.5%
■ Minimum thickness of material	6mm	3mm
■ Spring load	821gf	4,5 Kgf
■ Indenter	Conico 25°	Conic 30°
■ Minimum Area of Measurement	18mm	18mm
■ Supply	4 batteries 1,5 V AAA	
■ Size	110mm x 65mm x 30mm	

Compliant with ASTM D 2240, ISO R / 868, ISO 7619, JIS K 7215, DIN 53505.  
Supplied complete with manual, case control, ABS and test sample

**ARW 6510 A** *For order 220121420*

**ARW 6510 D** *For order 220121421*

- Low battery indicator and auto power off
- AVG function for detecting the average of multi-points (up to 9 points)



**Field of application:** for pneumatic, medical, packaging, rubber rollers, calender, paper, wood, toys, handles for tools, car parts, sheets of plastic materials. Typical applications of the different scales of measurement:

- **Shore A:** rubber, elastomers, neoprene, silicone, vinyl, soft plastics, felt, leather and similar materials.
- **Shore D:** Plastic, Formica, epoxy resins, plexiglass, etc.