

Shore Hardness Tester



Model: RHM-1900(A/B/C/D/E/O/DO/OO)

Features

Used to determine the indentation hardness of materials ranging from cellular products to rigid plastics.

It meets standards of DIN 53505, ISO 868, ISO 7619, ASTM D 2240, JISK7215.

* With average calculate, peak value deposit function.

* Use USB data output to connect with PC.

* Provide Bluetooth data output choice.

Specifications

Model	RHM-1900(A/B/C/D/E/O/DO/OO)
Parameters	Tested Result/ Mean Value/ Max. Value
Unit	HA/HB/HC/HD/HE/HDO/HO/HOO
Display Range	0~100 HA(HB/HC/HD/HE/HDO/HO/HOO)
Testing Range	10~90 HA(HB/HC/HD/HE/HDO/HO/HOO)
Accuracy	$\leq \pm 1H$
Resolution	0.1H
Battery Indicator	Low Battery Indicator
Auto Switch Off	✓
Operating	Temperature: 0~50°C Humidity: <80%RH
Power Supply	2x1.5V AAA (UM-4) Battery

Dimensions	162x65x28 mm
Weight	170 g
Standard	Main Unit
Accessories	Pin Length Test Block
	Carrying Case(B04)
	Operation Manual
Optional	Shore Hardness Tester Measurement Stand
Accessories	Rubber Hardness Test Block (A / D Type)
	USB Data Cable with Software
	Bluetooth Data Adapter with Software

Models & Applications

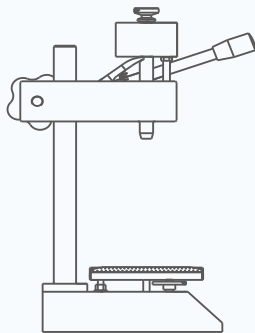
Model	Indenter	Tested Materials	Hardness Value
A	0.79 Truncated Cone	Soft Rubber, Elastomers, Natural Rubber Products, Neoprene, Resin, Polyester, Soft PVC, Leather, etc.	20~90A
B	R0.1 Cone	Middle Hard Rubber Materials, Typewriter Rollers, etc.	Above 90A, Below 20D
C	0.79 Truncated Cone	Plastics and Middle Hard Rubber Materials	Above 90B, Below 20D
D	R0.1 Cone	Fibre Plastics, Hard Rubber, Hard Plastic Materials, Plexiglas, Stiff Thermo Plastics, Formica, Print Roller, Vinyl-plate, Cellulose Acetate, etc.	Above 90A
DO	R1.2 Hemispherical	Plastics and Middle Hard up to Hard Rubber Materials	Above 90C, Below 20D
O	R1.2 Hemispherical	Soft Elastic Materials, Print Rollers, Middle Firm Textile Fabrics, Nylon, Orlon, Perlon, Rayon	Below 20DO
E	R2.5 Hemispherical	Hard Sponge, EVA	Above 90DO, Below 20A
OO	R1.2 Hemispherical	Sponge- and Cellular Rubber, Foam Rubber, Silicone, Gel-like Materials	Below 20O

Model & Hardness

Soft	Middle	Hard
	Shore A (20~90A)	
	Shore B (Above 90 A/ Below 20 D)	
	Shore C (Above 90 B/ Below 20 D)	
	Shore D (Above 90A)	
	Shore DO (Above 90 C/ Below 20 D)	
	Shore O (Below 20 DO)	
	Shore E (Above 90 DO/ Below 20 A)	
	Shore OO (Below 20 O)	

Optional Accessories

Shore Hardness Tester Measurement Stand



The Shore Durometer Test Stand is R&D for our shore durometer which can make test more stable and accurate. By acting on weight to cause measuring force, let tip of durometer press to test material to an accurate value.

Rubber Hardness Test Block



A Type

D Type