

EHS series Digital Durometer

EHS series Digital Durometer is Suitable for measuring the hardness of rubber, plastic and other non-metallic materials.

Features

- Calibration Certificate Included
- Conforms to ASTM D 2240, GB/T 531.1, ISO7619-1
- A large, easy-to-read LCD display with backlight
- Measurement mode: Averaging mode, Max Mode, Max-Average mode.
- Measurement data can be stored, browsing and batch printing.
- Printing: Wireless mini-printer.



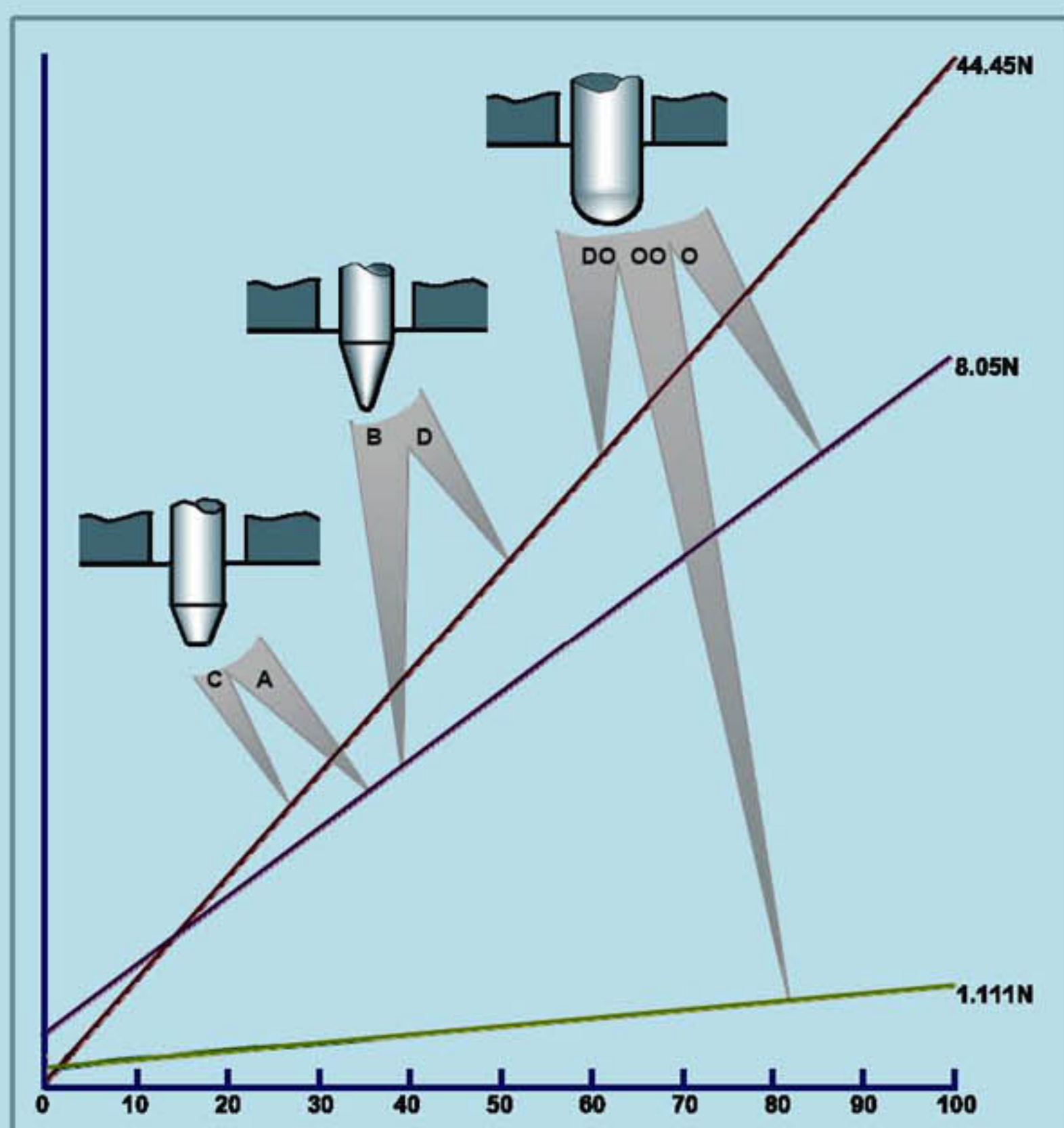
Models

Model	Type	Indenter	Application
EHS1A	A		Soft vulcanized rubber, natural rubber, nitriles, thermoplastic elastomers, flexible polyacrylics and thermosets, wax, felt, and leathers
EHS5C	C		Medium-hard rubber, thermoplastic elastomers, medium-hard plastics, and thermoplastics
EHS5D	D		Hard rubber, thermoplastic elastomers, harder plastics, and rigid thermoplastics
EHS1B	B		Moderately hard rubber, thermoplastic elastomers, paper products, and fibrous materials
EHSoo	OO		Soft rubber, thermoplastic elastomers, very soft plastics and thermoplastics, medium-density textile windings
EHSo	O		Extremely soft rubber, thermoplastic elastomers, sponge, extremely soft plastics and thermoplastics, foams, low-density textile windings, human and animal tissue
EHSdo	DO		Moderately hard rubber, thermoplastic elastomers, and very dense textile windings



Specifications

Accuracy	$\leq \pm 1 \text{ H}$
Resolution	0.1 H
Display	128*64 dot matrix LCD with Backlight
Memory	500 readings
Power	1.5V*3 (AAA alkaline batteries)
Operating Environment	-10 to 40°C, 20 to 80%RH
Dimensions	150X50.5X29mm
Weight:	170g



Optional

Thermal wireless printer,

Test stand

	EXTRA SOFT				SOFT		MEDIUM SOFT	MEDIUM HARD	HARD	EXTRA HARD			
SHORE OO	20	30	40	50	60	70	80	90	95				
SHORE A					10	20	30	40	50	60	70	80	90 95 100
SHORE D										22	25	35	45 55 65 75
SHORE C								20	30	40	60	70	80 90 95
	Chewing Gum	Racquet Ball				Rubber Band	Eraser	Tire	Shoe Heel		Wheel	Helmet	



Polygon Instrument Limited
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