

NEWAGE® HP Series Hand Held Durometers

Specification Sheet
SS-HP-0310
March 2010

The NEWAGE® HP Series hand held durometers are ideal for hand held hardness testing of rubber, elastomers and plastic samples. In addition to determining hardness, we also offer models for determining density and elasticity.

These precision instruments conform to ASTM D2240. HP durometers are available for A, B, C, D, DO, O and OO scales. HP durometers have a frictionless movement ensuring precision hardness measurement and a circular frustrum cone indenter. A peak indicator is standard on all HP durometers with all measurement indicated on a scale from 0 to 100.

HP Series durometers are supplied with a NIST certified testing block and carrying case.

Features

- Meets ASTM D2240
- Models for Hardness, Density and Elasticity
- Scales: A, B, C, D, DO, O and OO
- 1- and 2-point Resolutions
- Die Cast Aluminum Housing
- Bavarian Precision Spring Movement
- Includes Test Block and Carrying Case
- NIST Certificate of Calibration

Specifications

Scale Range:	0 to 100
Scale Resolution:	1 and 2 points
Scale Diameter:	52 mm
Pointer Sweep:	256-degrees
Indenter Type:	Frustrum Cone
Operating Temp:	50°F to 120°F 10°C to 49°C
Warranty:	1 year



Shown: HP durometers without indenters.

Quality Assured.

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Hardness Testing

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Ordering

HP Series Hand Held Durometers

Model	Scale	Range	Resolution
HP-A	A	0-100	2
HP-AR	A	0-100	1
HP-ARFL	A	0-100	
HP-D	D	0-100	2
HP-DR	D	0-100	1
HP-B	B	0-100	1
HP-C	C	0-100	1
HP-DO	DO	0-100	1
HP-O	O	0-100	1
HP-OO	OO	0-100	1

Options, Accessories and Spares

Part No.	Description
HP-100T	Test Frame, for HP Series Durometers
HP-LW	Extra Load Weight, for D and C Scale Durometers
HP-006	Balance Beam Calibration Scale

Indenters

Part No.	Description
EX001SA	Durometer A Indenter, 100 and 200 Series
EX001SB	Durometer B Indenter, 100 and 200 Series
EX001SD	Durometer D Indenter, 100 and 200 Series
EX001SO	Durometer O Indenter, 100 and 200 Series

Checking Blocks

Part No.	Description
EX002-HPD	D Scale, Checking Block
EX002-HPA	A Scale, Checking Block



Shown: HP durometer on an optional HP-100T test stand.

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MEASUREMENT & CALIBRATION TECHNOLOGIES

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