Durometers Series 811 Digital/Analog

**Features**

- Durometers are suitable for testing natural rubber, neoprene, polyesters, P.V.C., leather, thiokol, nitril, rubber, wax, vinyl, cellulose acetates, glass, polystyrol, and other materials.

- Mitutoyo's Durometers are manufactured in accordance with ASTM D 2240, ISO 868, ISO 7619, DIN 53 505, JIS K 6253, and JIS K 7215 specifications.

- Units are available in both Shore A and Shore D scales, and will test a wide variety of applications.

- The analog durometer is provided with a peak retaining hand for error-free reading.

- The digital durometer is provided with data hold function, and permits the operator to make an error-free reading on the clear LCD screen. Data output function.
Specifications

Model HH-331 HH-332 HH-333 HH-334 HH-335 HH-336 HH-337 HH-338
Scale Shore A Shore D Shore A Shore D Shore A Shore D Shore A Shore D
Display Analog Analog Analog Digital Digital Analog Digital Digital
Graduation 1 0.5 1 0.5 1 0.5 1 0.5
Range 10~90 20~90 10~90 20~90 10~90 20~90
Location Area .71” DIA. (18mm DIA.) 1.73 x .71” (44 x 18mm)
Indenter Blunt Taper Sharp Point Blunt Taper Sharp Point
Tip Angle 35° ± 0.25° 30° ± 1° 35° ± 0.25° 30° ± 1°
Function Peak-Retaining Hand On/Zero Off Data/Hold SPC Output Peak-Retaining Hand On/Zero Off Data/Hold SPC Output Peak-Retaining Hand On/Zero Off Data/Hold SPC Output Peak-Retaining Hand On/Zero Off Data/Hold SPC Output
Dimension 7.09 x 2.56 x 1.97” (195 x 60 x 30mm) 3.94 x 2.56 x 1.38” (150 x 60 x 30mm)
Mass .7 lbs. (320g) .64 lbs. (290g)

Optional Accessories

19BAA180 Holding Bar
64AAA964 Calibration Set (Shore A Scale)
Test Block 30° DURO (Blue)
Test Block 60° DURO (Yellow)
Test Block 90° DURO (Gray)
Mahogany Box
* Values shown are nominal only
Test Block Size 2” x 2” x 1/4”

64AAA590 ‘D’ Scale Test Block Set
64AAA962 ‘A’ Scale Durometer Stand
64AAA794 ‘A’ Scale Durometer Stand with Air Damper
64AAA796 Combination “D” & “A” Scale Durometer Stand
64AAA963 O-Ring Fixture Set
1/16”, 3/32”, 1/8”, 3/16” and 1/4”
O-Ring cross sections
264-503AS2 Digital Miniprocessor
905693 Connecting Cable 40” (1m) for Durometer and Digital Miniprocessor

Holding Bar

The holding bar is used to mount the Compact Type Durometer on a general drilling machine. This permits the operator to perform hardness measurement in a comfortable position.

Note: All information regarding our products, and in particular the illustrations, drawings, dimensional and performance data contained in this pamphlet, as well as other technical data are to be regarded as approximate average values. We therefore reserve the right to make illustrations of the responding designs, dimensions and weights. The stated standards, smaller technical regulations, descriptions and illustrations of the products were valid at the time of printing. In addition, the latest applicable version of our General Trading Conditions will apply. Only quotations submitted by ourselves may be regarded as definitive.

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