

Digital Shore Scale Durometers

Handheld digital durometer for Shore A (CV-DSAS001) and Shore D (CV-DSDS001) hardness testing.

Features

- Testing rubber, plastic, leather and all other soft materials
- Fast and easy to read
- Large digital display, digits 8mm high
- Portable
- Use by hand or mounted on a stand
- Supplied with a reference block
- Data output for SPC
- Power on/off automatic
- Electronic module protection to IP65, even with data output
- Can be used in conjunction with Shore bench stand



TECHNICAL SPECIFICATION

Scale	Shore A (CV-DSAS001)	Shore D (CV-DSDS001)
Resolution	0.1	0.1
Standards	Conforms to ASTM D2240 and ISO R/888	Conforms to ASTM D2240 and ISO R/888
Range	0-100	0-100
Pressure foot	ø18mm	ø18mm
Indenter	Blunt taper	Sharp point
Tip angle	35°	30°
Indenter diameter	1.25mm	1.25mm
Battery	Lithium 3V, CR2032	Lithium 3V, CR2032
Data output	RS-232 combined with external power supply	RS-232 combined with external power supply

Standard Delivery

- Main unit
- Button batteries
- Test block
- Carrying case
- UKAS certificate of calibration
- Manual

Optional Accessories

- Operation stand
- Communication cable
- Software

Analogue Shore Durometers

Handheld durometer for soft materials.

Features

- Fast and easy to read
- Portable
- Hand-held operation or via optional bench stand
- Available in either Shore A or Shore D
- Testing rubbers, plastics, leather and other soft materials
- Supplied with a setting / reference block
- Supplied as standard with UKAS certificate of calibration
- The optional bench stand is intended for use with 1kg loading for Shore 'A' scales and 5kg loading for Shore 'D' scales
- According to ASTM D2240, ISO R/868



SHA0001	Shore "A" Scale
SHD0002	Shore "D" Scale
SHA0003	Operating Stand

TECHNICAL SPECIFICATION

Test scales available	A or D Scale
Standards	Conforms to ASTM D2240, ISO R/868
Result display	Hardness result Shore
Presser foot	Diameter 18mm
Applications A scale	Soft rubber, natural rubber products, neoprene, polyester, soft PVC, leather, thiokol, nitrile rubbers, etc.
Applications D scale	Hard rubber, hard synthetic materials, thermoplastics, polystyrol, vinyl sheets, cellulose acetates, densified wood, etc.
Penetrator	A scale: blunt taper 35° D scale: sharp point 30°
Scale graduation	0-100

Standard Delivery

- Main unit
- UKAS certificate of calibration
- Blunt taper 35° penetrator (A scale)
- Sharp point 30° penetrator (D scale)
- Manual

Optional Accessories

- Operating stand (SHA0003)
- Test block