



▲ #53-762 Series



Fowler's Portable Durometers are just right for testing the hardness of flexible materials such as rubber and plastics. These gages conform to shore scales.

- Manufactured in accordance with DIN, ASTM, ISO and JIS specifications, two styles are available in both analog and digital readout.
- Both A and D scale units are available to fit a wide variety of applications.
- Test pieces should have a thickness of at least .20" (5mm) to provide accurate readings that conform to Shore A hardness scales and at least .12" (3mm) for Shore D hardness scales.
- The test piece size should extend .47" (12mm) from each side.
- The test piece surface should be smooth and have sufficient area to be able to support the base of the hardness tester.
- Price includes reference test block, operating instructions and fitted case.
- Optional bench stand available.



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Applications

35° blunt taper Durometers are suitable for testing soft and natural rubber products, neoprene, polyesters, soft P.V.C., leather, thiokol, nitril rubbers, wax, felt and more.

Sharp 30° point Durometers are ideal for testing hard rubber, hard synthetic materials, e.g. acrylics, glass, polystyrol, thermoplastics, printing rolls, vinyl sheets, cellulose acetates, densified wood, etc.



Durometer Bench Stand #53-762-010

Fowler introduces the Durometer Bench Stand which is available for use with all models. It has been designed to give improved repeatability and greater accuracy through the removal of operator influence. It is intended for use with 1 kg loading for Shore "A" scales and 5KG loading for Shore "D" scales.

This concept of a low physical force lifting a fixed mass is ideal for both laboratory and production applications.

Maximum height of piece to be tested is 5.12" (130MM)



▲ Bench Stand #53-762-010 shown with Durometers.



These gages conform to Shore scales.

Specifications

Order No.	Type	Location Area	Height	Weight
53-762-001	A	.629" (16mm) \varnothing	3.425" (87mm)	(350 g)
53-762-002	D	.629" (16mm) \varnothing	3.425" (87mm)	(350 g)
54-762-001	A	.59 x 1.89" (15 x 48mm)	5.315" (135mm)	(450 g)
54-762-002	D	.59 x 1.89" (15 x 48mm)	5.315" (135mm)	(450 g)



Order No.	Description	Penetrator	Shore Scale	Graduations
Durometers				
53-762-001	Portable Durometer	Blunt taper 35°	A	1 Shore
53-762-002	Portable Durometer	Sharp 30° point	D	1 Shore
54-762-001	Digital Durometer	Blunt taper 35°	A	.5 Shore
54-762-002	Digital Durometer	Sharp 30° point	D	.5 Shore

Accessories

53-762-010	Durometer Bench Stand
53-762-015	V-anvil for Durometer Bench Stand