

**Fowler**

**Portable Durometers**

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▲ No. 53-762-001



▲ No. 54-762-101



▲ No. 54-762 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.
- Includes reference test block, operating instructions and fitted case.
- Optional bench stand available.

### 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.

# Fred V. Fowler Company, Inc.



## Portable Durometers & Stand

Miscellaneous Gaging  
Hardness Testing

### Durometer Bench Stand No. 53-762-010

Fowler's Durometer Bench Stand 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)

**These gages conform to Shore scales.**



▲ Bench Stand No. 53-762-010 shown with Durometer.

Specifications				
Order No.	Type	Location Area	Height	Weight
53-762-001	A	.629" (16mm) $\emptyset$	3.425" (87mm)	(350 g)
53-762-002	D	.629" (16mm) $\emptyset$	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
<b>Durometers</b>				
53-762-001	Analog Durometer	Blunt taper 35°	A	1 Shore
53-762-002	Analog Durometer	Sharp 30° point	D	1 Shore
53-762-101	Economy Analog Durometer	Blunt taper 35°	A	1 Shore
53-762-102	Economy Analog Durometer	Sharp 30°	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
<b>Accessories</b>				
53-762-010	Durometer Bench Stand			
53-762-015	V-anvil for Durometer Bench Stand			