



Series  
100 AV

# Durablock<sup>®</sup> Air Velocity Gage Kits

Suitable for Total Pressures to 100 psig (6.89 bar), Temperatures to 150°F (65.6°C)



Designed to measure air velocity, static pressure, vacuum or differential pressure, where the additional range of the 400 Series gages is not required. Series 100 Gages offer superb accuracy combined with portability. In Dwyer's<sup>®</sup> Durablock<sup>®</sup> precision machined solid acrylic plastic construction, the wells and inclined bore are machined to tolerances of  $\pm 0.002$ ".

#### Design and service features:

**Plastic Body,** A 1" thick solid acrylic block, virtually unbreakable. It is stable and free of the danger of distortion.

**Drilled Bore,** Permanently free of bends, never requires recalibration due to distortion.

**Reflective Chrome Finish Scales,** Easily eliminate parallax errors in reading. Adjustable, with thumbscrew locking for easy zeroing. (Model 125 AV uses screw plunger to adjust zero setting).

**Red Gage Fluid,** .826 specific gravity. Forms a well-shaped, easy-to-read meniscus, the result of high wettability.

**Leveling Adjustment,** Screw allows quick, accurate leveling. Integral ground glass bubble level provides ready reference.

Model	Range, Inches of Water	Velocity, Feet per Minute	Minor Scale Divisions	Scale Length	Dimensions, In Inches		Pitot Tube Model—Length
					A	B	
102-AV	.20-0-2.0	400-5500	.02	8-1/4"	11-1/2	4-5/16	166-12 12"
115-AV	.05-0-.25	400-2000	.005	6"	9-1/2	3-1/16	166-12 12"

Model	Carrying Case Dimensions
102-AV	13-1/2 X10 X 2-1/2
115-AV	13-1/2 X10 X 2-1/2

#### Complete Air Velocity Kits include:

Dwyer<sup>®</sup> Inclined Manometer described above, stainless steel Pitot tube (12" with Models 102-AV & 115-AV), two 9' lengths of rubber tubing with connectors, extra red gage fluid, instruction card H-7, Bulletin H-11, magnetic mounting clips, air velocity calculator slide rule and carrying case.



TEST EQUIPMENT

Manometers,  
Air Velocity