

Series
400

Air Velocity Meters

**Measure both pressure and air velocity**

Read the red figures directly in feet per minute of velocity — from 400 to 10,000 f.p.m. No conversion tables needed for air at standard conditions. Read the black figures in inches of water column air pressure — from 0 to 10" w.c.

Our most popular precision air velocity instrument, the Series 400 is used to balance air conditioning systems, measure pressure drop across filters, and test fan and blower discharge and inlet pressures, as well as air velocity in ducts. It offers the convenience of a dual purpose instrument — plus high accuracy on easy-to-read scales. The Series 400 includes leveling adjustment and glass bubble level, which makes it a versatile all around manometer for the air conditioning and balancing contractor or industrial plant.

Series 400 Air Velocity Meters with Combination Inclined/Vertical Scales
Rated for total pressures to 100 psig (6.89 bar); temperatures to 150°F (65°C)

Model	Range in w.c.	Velocity FPM	Minor Div.; Range, in w.c.		Pitot Tube
			Inclined Scale	Vertical Scale	
400-5-S-Kit	0-5	400-9000	.01, 0-1.0	.10, 1-5	8 in
400-5-L-Kit	0-5	400-9000	.01, 0-1.0	.10, 1-5	18 in
400-5-Gage	0-5	400-9000	.01, 0-1.0	.10, 1-5	none
400-10-Kit	0-10	400-12,600	.01, 0-1.0	.10, 1-10	18 in
400-10-Gage	0-10	400-12,600	.01, 0-1.0	.10, 1-10	none
400-23-Kit	0-23	400-19,200	.02, 0-2.3	.20, 2.3-23	18 in
400-23-Gage	0-23	400-19,200	.02, 0-2.3	.20, 2.3-23	none



Model 400-5 Air Meter
0-5" W.C., 400-9000 f.p.m.



Complete Kit, Model 400-10
Size* 11 1/2"H x 20 1/4"W x 1 1/2"D.
Only 13 1/4 lb with equipment.

*Model 400-5-S is 11 x 11-1/2 x 2-1/2". Contact factory for extra long steel cases for use with longer Pitot tubes.

Model
480

Vaneometer™ Swing Vane Anemometer

Use This Sensitive New Dwyer Unit to Measure Low Air Velocities — at Low Cost *

The 480 Vaneometer™ Swing Vane Anemometer is a durable low-priced instrument specifically designed to simplify the measurement of low air velocities from 25 to 400 feet per minute. OSHA, EPA and other safety ventilation requirements for spray booths and at fume, smoke and dust exhaust hoods can now be quickly checked, even by untrained personnel. Its small size and light weight — only four ounces make it ideal to carry from one work station to another. A versatile steel mounting bracket for continuous monitoring is also included. The Vaneometer™ Swing Anemometer is accurate to $\pm 5\%$ of full scale to 100 FPM and $\pm 10\%$ from 100 FPM to top of scale. It has a spirit level to ensure accurate readings and the large scales are easy to read and visible from both sides. The housing is molded from tough ABS plastic and easy to clean with soap and water. The polyester vane can be cleaned with lacquer thinner. A spare vane is provided.

Use a Vaneometer™ Swing Vane Anemometer to measure velocity of air flow into laboratory fume hoods and at paint spray booths to determine when to change filters. Or wherever needed to meet OSHA standards of ventilation for smoke, dust or fume removal.



Model	Description
480	25-400 fpm
M480	0-2.0 m/s
A-390	Extra vanes, pkg. of 2
A-406	Molded carrying case
A-407	Plastic carrying pouch

*U.S. Patent No. 4,154,101

