

# Air Velocity Kit

Convenient all-in-one kit is small, light and easy to use. No set-up or levelling needed. Digital manometer reads from 0-19.99 in. w.c. with  $\pm 0.5\%$  accuracy and minor divisions to 0.01%. Large 1/2" LCD readout is easy to see in poorly lit areas. An indispensable test kit for plant engineer, industrial hygienist and HVAC technician.



## Complete Kit includes:

- Model **475-1** digital manometer, range 0-19.99 in.w.c.
- Model **166-6-CF**, 6" pitot tube with compression fitting
- (2) **A-303** static pressure tips with magnetic mounting
- (2) 9 ft. lengths of 3/16" I.D. rubber tubing
- **A-397** step drill for 3/16"-1/2" holes in 1/16" increments
- **A-532 AV** slide chart
- 9V battery
- Custom-fitted polyethylene carrying case

Model	Description	Price
475-1-FM-AV	Air Velocity Kit	\$694

# Air Velocity Kit

Convenient all-in-one kit is small, light and easy to use. No set-up or levelling needed. Digital manometer reads from 0-19.99 in. w.c. with  $\pm 0.5\%$  accuracy and minor divisions to 0.01%. Large 1/2" LCD readout is easy to see in poorly lit areas. An indispensable test kit for plant engineer, industrial hygienist and HVAC technician.



## Complete Kit includes:

- Model **475-1** digital manometer, range 0-19.99 in.w.c.
- Model **166T**, 36" telescoping stainless steel pitot tube, fully adjustable form 11.5" to 36" (29.2 to 91.4cm)
- (2) **A-303** static pressure tips with magnetic mounting
- (2) 4-1/2 ft. lengths of 3/16" I.D. rubber tubing
- **A-397** step drill for 3/16"-1/2" holes in 1/16" increments
- **A-532 AV** slide chart
- 9V battery
- Custom-fitted polyethylene carrying case

Model	Description	Price
475-1T-FM-AV	Air Velocity Kit	\$922

# Air Velocity Kit

Convenient all-in-one kit is small, light and easy to use. No set-up or levelling needed. Digital manometer reads from 0-20 in. w.c. with  $\pm 0.5\%$  accuracy.

**Model 477-1** stores up to 20 readings in memory for later reference, instantly selecting up to nine English/Metric pressure units that are visible on a large, backlit 0.4" LCD readout. Both audible and visual overpressure alarms and a low battery warning are standard features. An indispensable test kit for plant engineer, industrial hygienist and HVAC technician.



## Complete Kit includes:

- Model **477-1** digital manometer, range 0-20 in.w.c.
- Model **166T**, 36" telescoping stainless steel pitot tube, fully adjustable form 11.5" to 36" (29.2 to 91.4cm)
- (2) **A-303** static pressure tips with magnetic mounting
- (2) 4-1/2 ft. lengths of 3/16" I.D. rubber tubing
- **A-397** step drill for 3/16"-1/2" holes in 1/16" increments
- **A-532 AV** slide chart
- 9V battery
- Custom-fitted polyethylene carrying case

Model	Description	Price
477-1T-FM-AV	Air Velocity Kit	\$1103

# Air Velocity Meters

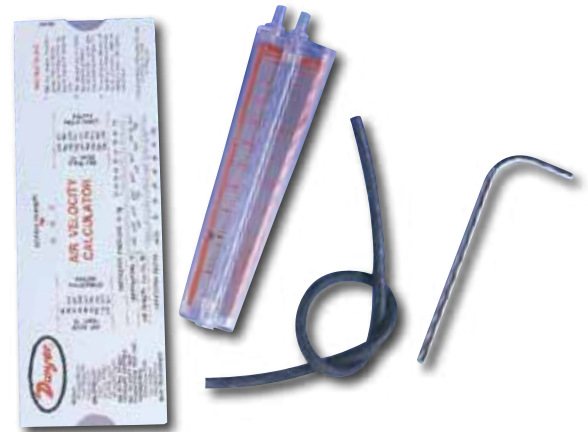


## Air Filter Gauge

This compact inclined-vertical air filter gauge measures, with accuracy to  $\pm 3\%$  of full scale, pressures both above and below atmospheric, as well as pressure differentials. A logarithmic curve-shaped tube provides high range capacity with large, more easily read increments at low readings. The operating range is 0 to 3 inches water, with divisions of .01 inches water at the low end scale, and .120" inches water at the high end. This gauge is simply constructed of molded acrylic plastic and is suitable for use in ambient temperatures from  $-20^{\circ}$  to  $+159^{\circ}\text{F}$ .

Unit includes: 8 feet of flexible double column plastic tubing, two tubing connectors for 1/8" pipes, two mounting screws, 3/4 oz. bottle of indicating fluid, red and green pointer flags, and instruction manual.

Model	Description	Price
25	Air Filter Gauge	\$51



## Air Meter

A low-cost, direct reading instrument used for both air velocity and static pressure tests. Excellent for service work on air conditioning, heating and ventilating equipment. Direct readout, both high and low range. Shows supply and return grille velocities, duct air velocities, furnace draft, pressure drop across filters. Designed on the variable area flowmeter principle, **Model 460** gives consistent, accurate measurements. No tedious calibration. Rugged plastic for rough daily service.

Complete pocket-size kit includes: air meter return and supply grille probes, angle connector, air velocity calculator, cleaning materials, instruction card and carrying case.

**Air Velocity:** Low Range: 260 to 1200 fpm;  
High Range: 1000 to 4000 fpm

**Static Pressure:** Low Range: .005 to .09" W.C.;  
High Range: .05 to 1.0" W.C.

Model	Description	Price
460	Air Meter	\$48

# Air Velocity Meters

## Vaneometer

A durable instrument specifically designed to simplify the measurement of low air velocities from 25 to 400 fpm. 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's large scales are easy to read and visible from both sides. A recessed spirit level at the top helps insure accurate readings. Accuracy is  $\pm 5\%$  f.s. to 100 fpm;  $\pm 10\%$  f.s. from 100 to 400 fpm.

Model	Description	Price
480	Vaneometer	\$45

## Wind Meter

Quality and economy in a single meter. Dual range wind meter of rugged precision die-molded acrylic plastic. Direct reading, no calculations. Hold meter at eye level with back of unit to wind. White ball in tube indicates wind speed. Low range 2 to 10 mph; High range 4 to 66 mph. Accurate to within 1/2 mph on low scale. Fits conveniently into a pocket.



Model	Description	Price
7760	Wind Meter	\$39

# Air Velocity Meters

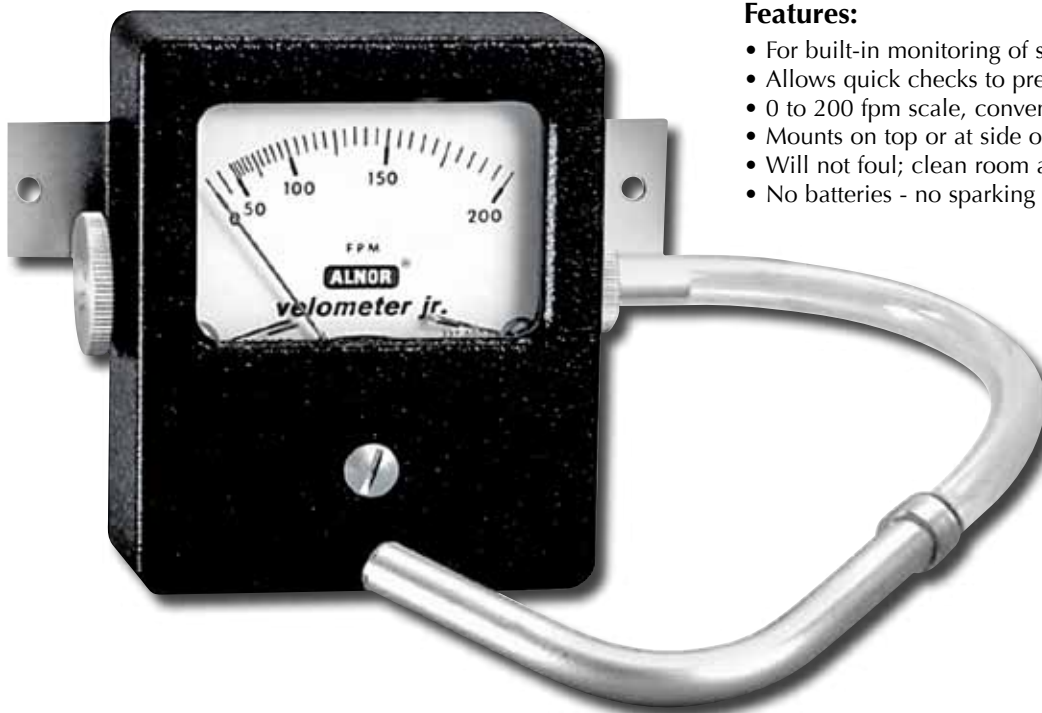


## Features:

- Palm-sized air velocity meter for fast, accurate, on-the-spot measurements of ventilating hoods, spray booths, mine drafts, HVAC checks
- No batteries required - entirely mechanical
- Intrinsically safe - can be used in explosive environments
- Each model has two velocity ranges - easy to switch between ranges
- Reads directly in feet per minute (fpm). No calculations or reference tables are necessary.
- Responds instantly
- Double jewelled movement
- Shatterproof glass
- Unit measures 4" x 3" x 1 1/2"
- Weighs only 8 oz.
- Supplied with carrying case which can be worn on belt

Model	Description	Price
8100-8	Velometer Jr., 0-200, 0-800 fpm	\$606
8100A-16	Velometer Jr., 0-400, 0-1600 fpm	\$606
8100B-25	Velometer Jr., 0-500, 0-2500 fpm	\$606
1200C	Deluxe Carrying Case	\$84

# Air Velocity Meter



## Features:

- For built-in monitoring of spray booths and fume hoods
- Allows quick checks to prevent wasteful over-ventilation
- 0 to 200 fpm scale, convenient for checking OSHA compliance
- Mounts on top or at side of the booth; out of way
- Will not foul; clean room air passes through the instrument
- No batteries - no sparking - intrinsically safe

Model	Description	Price
8125	Air Guard	\$606
1200C	Deluxe Case	\$84