



Manometers

- Measures positive, negative or differential pressures of air and other gases
- New FM approved option is intrinsically safe for hazardous locations, Class I, Div.1, Group A, B, C, D, T4
- When used with a pitot tube, can also be used as an air velocity gauge
- Dual push pads on the front panel control on-off operation and English or metric pressure unit selection - all with no set-up or levelling
- Zero adjust knob is conveniently located on top
- Large 1/2" LCD display is easy to read in even the poorest lighting conditions, includes a "low battery" indicator
- Standard connections are dual sized for 1/8" or 3/16" I.D. vinyl or rubber tubing



IA127



Model No.	Mfg. No.	Range	Price/Each
IA124	475-000-FM	0-1.00 in. w.c/0-.249 kPa	
IA125	475-00-FM	0-4.00 in. w.c/0-.995 kPa	
IA126	475-0-FM	0-10.00 in. w.c/0-2.49 kPa	
IA127	475-1-FM	0-19.99 in. w.c/0-4.97 kPa	
IA128	475-2-FM	0-40.0 in. w.c/0-9.95 kPa	
IA129	475-3-FM	0-199.9 in. w.c/0-49.7 kPa	
IA130	475-4-FM	0-10.00 PSID/0-.689 bar	
IA131	475-5-FM	0-19.99 PSID/0-1.378 bar	
IA132	475-6-FM	0-30.0 PSID/0-2.07 bar	
IA133	475-7-FM	0-100 PSID/0-6.89 bar	
IA134	475-8-FM	0-150 PSID/0-10.34 bar	

Slack Tube Manometers

- All models have flexible vinyl-plastic columns and flexible spring steel scale calibrated in inches of water using water, and inches of mercury using mercury
- Scale is centre-mounted between columns to eliminate parallax error and has a full 2-inch sliding zero adjustment
- All models feature exclusive moulded nylon tubing connector assemblies with rapid shutoff design and an acrylic plastic top
- Moulded all-nylon construction makes this assembly corrosion-proof, leakproof and practically unbreakable
- Tubing connectors extend horizontally allowing 360° freedom
- All models have over pressure safety traps in the top of both columns to prevent loss of fluid due to over range pressures or surges in pressure

HA314



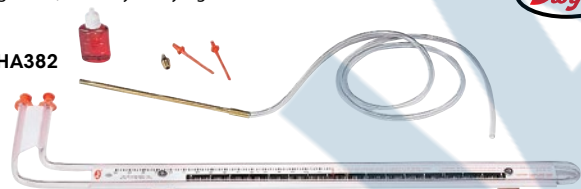
Model No.	Mfg. No.	Description	Price/Each
HA314	1211-8	Slack Tube Manometer, 4-0-4 in	
HA303	1211-12	Slack Tube Manometer, 6-0-6 in	
HA305	1211-16	Slack Tube Manometer, 8-0-8 in	
HA307	1211-24	Slack Tube Manometer, 12-0-12 in	
HA308	1211-30	Slack Tube Manometer, 15-0-15 in	
HA309	1211-36	Slack Tube Manometer, 18-0-18 in	
HA310	1211-48	Slack Tube Manometer, 24-0-24 in	
HA312	1211-60	Slack Tube Manometer, 30-0-30 in	
HA313	1211-72	Slack Tube Manometer, 36-0-36 in	
HA304	1211-120	Slack Tube Manometer, 60-0-60 in	
HA311	1211-50	Slack Tube Manometer, 25-0-25 cm	
HA302	1211-100	Slack Tube Manometer, 50-0-50 cm	
HA306	1211-200	Slack Tube Manometer, 100-0-100 cm	

Dual Range Inclined U-Tube Manometers

- As a regular U-tube manometer it indicates high range pressure from 0 to 16 inches of water (with .2" minor divisions) on the right leg; as an inclined manometer it reads low range pressure from -.20 to 0 to 2.6 inches of water (with .02" minor divisions) on the left leg
- Easy to use; simply incline unit until fluid level reads zero
- Magnetic clips hold the gauge in position on steel duct surface
- **Unit comes complete with:** Two magnetic clips to hold the instrument to metal surfaces; two plastic carrying plugs with retainers for use when the manometer is not in service; flexible vinyl plastic tubing connectors; 4 1/2' length of plastic tubing; brass terminal tube, 1/4" dia. x 8" long; 1/8" NPT brass adapter; 3/4 oz. bottle red gauge fluid; and vinyl carrying case.



HA382



Model No.	Mfg. No.	Description	Price/Each
HA382	1227	Inclined U-Tube Manometer	

Inclined/Vertical Manometers

- Inclined section for high accuracy and vertical section for extended range
- Velocity marked in red; air pressure marked in black
- Screw leveling adjustment and ground glass bubble level

KIT INCLUDES NO. 400 AIR METER & ALL ACCESSORIES:

- Stainless steel calibrated pitot tube (18") - Graduated both sides in inches to show insertion depth for easy, accurate duct traverse
- Rubber tubing with connectors - 2 coils of 3/8" with metal terminal tubes
- Magneclip side mountings - Attaches meter instantly to steel duct or surface
- Air velocity calculator - Slide rule eliminates tedious calculations
- Red gauge oil - Spare bottle for occasional refilling
- Instruction card
- Steel carrying case



HB911



Model No.	Mfg. No.	Pressure	Velocity	Inclined Range	Vertical Range	Price/Each
HB911	400-5L	0-5" H ₂ O	400-9000 FPM	0-1" w.c.	1-5" w.c.	
HB909	400-10	0-10" H ₂ O	400-12,600 FPM	0-1" w.c.	1-10" w.c.	
HB910	400-23	0-23" H ₂ O	600-19,200 FPM	0-2.3" w.c.	2.3-23" w.c.	

Air Filter Gauges

- Compact inclined-vertical air filter gauge measures pressures both above and below atmospheric, as well as pressure differentials
- Logarithmic curve-shaped tube provides high range capacity with large, more easily read increments at low readings
- Operating range is 0 to 3 inches water, with divisions of 0.01 inch water at the low end scale, and 0.120 inch water at the high end
- Accurate to ± 3% of full scale
- Constructed of moulded acrylic plastic



HB239

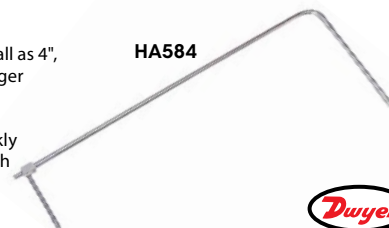


Model No.	Mfg. No.	Description	Price/Each
HB239	25	Air Filter Gauge	

Pitot Tubes

- Hemispherical tip design means low sensitivity to misalignment
- Precisely located, burr-free static pressure holes
- 304 stainless steel construction
- 5/16" models rated to 1500°F, 1/8" models to 800°F
- Use 1/8" models in ducts as small as 4", 5/16" models in ducts 10" or larger
- Silver soldered connections for leak-proof operation
- Inch graduations on sides quickly determine exact insertion depth

HA584



Model No.	Mfg. No.	Description	Price/Each
HA532	160-8	Standard 5/16" Pitot Tube, 8" Insertion Length	
HA522	160-12	Standard 5/16" Pitot Tube, 12" Insertion Length	
HA525	160-18	Standard 5/16" Pitot Tube, 18" Insertion Length	
HA527	160-24	Standard 5/16" Pitot Tube, 24" Insertion Length	
HA528	160-36	Standard 5/16" Pitot Tube, 36" Insertion Length	
HA529	160-48	Standard 5/16" Pitot Tube, 48" Insertion Length	
HA530	160-60	Standard 5/16" Pitot Tube, 60" Insertion Length	
HA585	166-6	Pocket 1/8" Diameter Pitot Tube, 6" Insertion Length	
HA584	166-12	Pocket 1/8" Diameter Pitot Tube, 12" Insertion Length	
HA587	167-6	Pocket 1/8" Diameter Short Tip Pitot Tube, 6" Insertion Length	
HA586	167-12	Pocket 1/8" Diameter Short Tip Pitot Tube, 12" Insertion Length	