Series 160 Stainless Steel Pitot Tubes

ASME Meets AMCA and ASHRAE Codes

Ideal for use with our precision manometers and air velocity gages, Dwyer® Pitot Tubes are constructed from corrosion resistant stainless steel for a lifetime of service. ASME design meets AMCA and ASHRAE specifications for maximum accuracy over a wide variety of flow conditions. No correction factors required as ASHRAE tip design yields a calibration factor of 1. ASHRAE design needs no calibration! Permanent, stamped insertion depth graduations on sides of 160 series facilitate accurate positioning. Static pressure port is parallel to sensing tube allowing quick, easy alignment of tube with air flow. Low sensitivity to misalignment gives accurate reading even when tube is misaligned up to 15 degrees. Various standard sizes are available for use in ducts as small as 4" dia. or as large as 96 ft dia.  A universal model fits user supplied 3/4" schedule 40 (standard) pipe in any length. Several convenient mounting options are available for permanent installations.

- No calibration needed
- Precisely located, burr free static pressure holes
- Hemispherical tip design, best for accuracy if imperfectly aligned and nearly impossible to damage
- Long lasting 304 SS construction
- Silver soldered connections for leakproof operation
- Coefficient of "1"
- 5/16˝ models rated to 1500°F
- Extended static connection helps guide tip within recommended 15° of air flow direction
- Inch graduations on sides of 160 series to quickly determine exact insertion depth
- Dwyer® Air Velocity Calculator, direct reading flow charts and instructions included

Series 160 is designed to meet:
- ASME “Fluid Meters” 6th Ed.
- ANSI/ASHRAE 51-1999
- ASME “Fluid Meters” 6th Ed.
- BS 1042
- BS 5119-1999
- British Standard 1042

ACCESSORIES


No. A-159 Mounting Gland — No. A-159 Mounting Gland — Versatile adapter slips on any Series 160, 5/16˝ standard fitting. To flange mount, the A-159 must fit inside standard schedule 40 pipe. TFE bushing also available. Once tube is adjusted to proper depth and angle, tighten thicker materials, use model A-156 flange mounting plate. Graphite bushing inside assures leak-proof seal even at higher temperatures. TFE bushing also available. Note: For full insertion with this fitting, order next longer Pitot tube.

A-159 Mounting Gland is used for both duct mounting and flange mounting. To flange mount, the A-159 must be used with the A-156 flange mounting plate.


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ACCESSORIES & OPTIONS

A-156, Flange Mounting Plate 1/2˝ female NPT ............................................ $15.50
A-158, Split Flange  .................................................................................. 13.75
A-159, Mounting Gland ........................................................................... 28.00
A-397, Step Drill ...................................................................................... 33.75 net

Add -CF suffix (166-6-CF). Add to prices above ........................................... 11.25

*Universal model for permanent installation and connection to metal tubing. Make any length Pitot tube with 3/4" schedule 40 pipe, 3/4" to 1/2" reducing bushing and 1/4" metal tubing.