



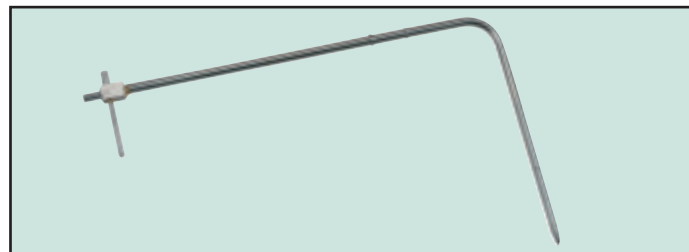
Series
160E

Ellipsoidal Tip Pitot Tube

Designed to Meet British Standard 1042

- Ellipsoidal tip design for improved accuracy, 1.0 coefficient
- 304 stainless steel construction adds strength, resists corrosion
- Adjustable depth indicators for fast, consistent traverses
- Alignment indicator helps keep tip parallel to flow

Series 160E Pitot Tubes are widely used in the U.K. and Europe for applications demanding high accuracy when measuring the flow of air or other compatible gases. Precision crafted tip configuration allows air to pass smoothly with minimum turbulence for consistent, reliable readings. Exterior indicator arm is aligned parallel to the 5 in. (13 cm) sensing tip so you always know that unit is properly positioned inside duct. Sliding depth indicators grip firmly to ensure uniform insertion – critical when making multiple measurements as part of a complete traverse; the best way to determine average velocity. Total and static pressure taps are $\frac{1}{8}$ " (6 mm), permanently silver soldered to the connection block, leak-proof and durable. Seven fixed length sizes are offered plus a universal model which attaches to any length of $\frac{3}{4}$ " sch. 40 pipe. See 160-U drawing.



POPULAR MODELS

Model Number	Insertion in Meters
160E-00	0.2
160E-01	0.3
160E-02	0.48
160E-03	0.8
160E-04	1.0
160E-05	1.22
160E-06	1.52
160E-U	



Handy A-532 Slide Chart speeds air velocity calculations. All plastic, stays clean for years. Included with each Pitot tube.

Air Velocity



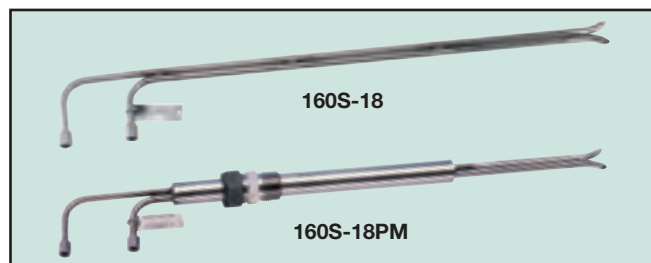
Series
160S

"S" Type Stainless Steel Pitot Tubes

Large, Open Tip Design Resists Fouling; Optional Permanent Mount Models

- Meets EPA specification 40 CFR (ch. 1)
- Long lasting, welded stainless steel construction
- $\frac{1}{2}$ " female NPT connections, permanently welded
- Rated to 1500°F (815°C)
- 0.84 flow coefficient

Series 160S Pitot Tubes are designed specifically for flow measurement of dirty, particulate laden air or gas streams typical in smoke stack and other environmental testing. Large $\frac{1}{2}$ " dia. stainless steel tubing resists plugging under harsh, sooty conditions which quickly block conventional flow sensors. Total and static pressure tubes are precisely aligned and welded together every six inches for maximum accuracy, strength and long term durability. Versatile $\frac{1}{2}$ " female NPT connections easily adapt to any type of pipe or tubing. A pair of $\frac{1}{2}$ " NPT to $\frac{1}{8}$ " I.D. tubing adapters is included plus a handy molded vinyl cap to protect tip when not in use. Supplied with complete instructions.



STOCKED MODELS in bold

Model Number	Perm. Mtg. Model No.	Insertion In Inches
160S-18	160S-18PM	18
160S-24	160S-24PM	24
160S-36	160S-36PM	36
160S-48	160S-48PM	48
160S-60	160S-60PM	60
160S-72	160S-72PM	72

Permanent Mounting (PM) models include 1 inch dia. welded stainless steel sleeve and adjustable compression fitting with 1 inch male NPT mounting threads. Adjust depth, lock in place.



Model
166T

Telescoping Stainless Steel Pitot Tube

Adjustable Design Extends Insertion Length to 36 Inches

The Model 166T Telescoping Pitot tube is a unique air flow sensor which can quickly and easily be adjusted for any duct insertion length from 11.5 to 36 inches (29.2 to 91.4 cm). Now, this single compact unit can replace up to five conventional fixed length Pitot tubes. For even greater convenience, it is securely protected by a custom fitted polyethylene carrying case. Telescoping sections lock in place as they are extended, enabling use of the handle grip to gauge proper alignment of the tip within the airstream. Stainless steel construction resists corrosion. Hemispherical tip has 1.0 flow coefficient, is $1/8$ " dia. (3.2 mm). Largest section is $3/8$ " (9.5 mm). Weight (with case) 1 lb, 9 oz (709 g). Case: $12.5 \times 6.25 \times 1.75$ in.

STOCKED MODEL

Model 166T

