SERIES 160S

“S” TYPE STAINLESS STEEL PITOT TUBES
Large, Open Tip Design Resists Fouling; Optional Permanent Mount Models

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 5/16” 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 1/8˝ female NPT connections easily adapt to any type of pipe or tubing. A pair of 1/8˝ NPT to 3/16˝ ID tubing adapters is included plus a handy molded vinyl cap to protect tip when not in use. Supplied with complete instructions.

FEATURES/BENEFITS
• Meets EPA specification 40 CFR (ch. 1)
• Long lasting, welded stainless steel construction
• 1/8˝ female NPT connections, permanently welded
• Rated to 1500°F (815°C)
• Rated to 100 psig (6.89 bar)
• 0.84 flow coefficient

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 x 6.25 x 1.75 in.

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Insertion in Inches</th>
<th>Perm. Mtg. Model</th>
<th>Insertion in Inches</th>
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<tbody>
<tr>
<td>160S-18</td>
<td>18 [457.20]</td>
<td>160S-18PM</td>
<td>18 [457.20]</td>
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<tr>
<td>160S-24</td>
<td>24 [609.60]</td>
<td>160S-24PM</td>
<td>24 [609.60]</td>
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<td>160S-36</td>
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<td>160S-60</td>
<td>60 [1524.00]</td>
<td>160S-60PM</td>
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Note: Permanent Mounting (PM) models include 1 inch dia. welded stainless steel sleeve and adjustable compression fitting with 1 inch male NPT mounting treads. Adjust depth, lock in place.

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