

Pitot-Static Probe

The Pitot-Static Probe provides both the dynamic and static pressure from a single assembly. It is a lightweight and durable compact system with simple installation designed with a rainwater catchment system to prevent moisture bridging from occurring within the tubing.



Key Features

- Lightweight titanium and carbon fiber design
- Durable
- Easily installed
- Can easily be removed for transportation or storage purposes
- Includes tube, 2 port hub, and mounting clamps and hardware
- Standard 3/32 inch Tygon tubing used for both the pitot and static pressure tubing

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Specifications

Mechanical

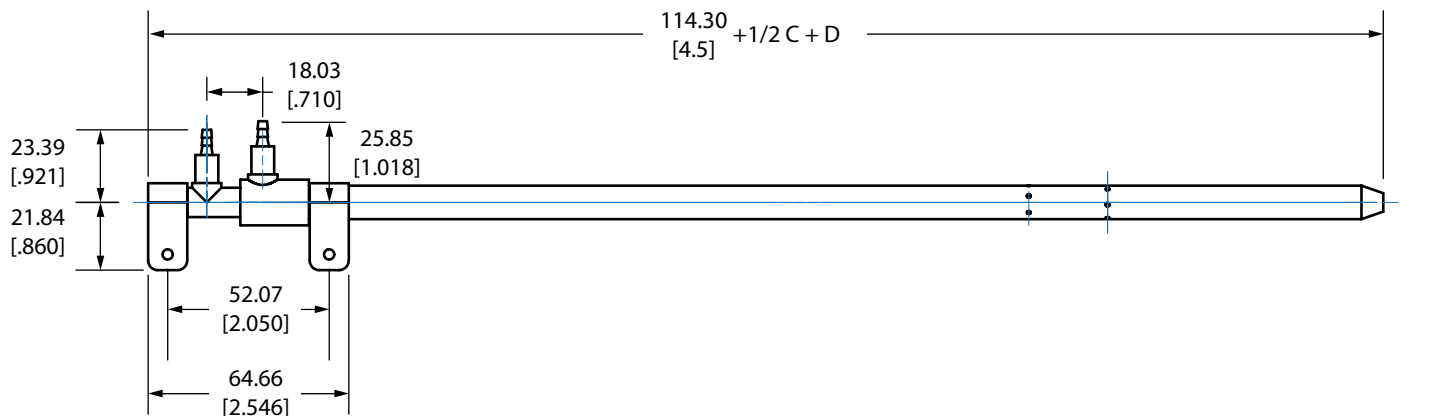
- Size: Pitot/Static Probe 0.425 inch (diameter)
- Titanium fitting 1.31 inch (height of ports) x 0.565 inch (largest OD) x 2.04 inch (length)
- Weight: 40 grams (1.41 oz)
- Titanium fitting: 12 grams (0.42 oz)
- Pitot/Static probe: 28 grams (0.99 oz)

Environmental

- Operating Temperature: (-50°C to 85°C)

Notes

- The total length for the Pitot Static Tube can be up to 22 inches
- Pressure ports require (3/32 inch) Tygon tubing
- Clamps require 4-40/5-32 machine screws for mounting



Dimensions in mm [inches]

C = Chord length of aircraft

D = Distance from leading edge of wing to mounting location of titanium fitting

