



## PH500 SERIES PITOT PROBE

Since 1925, Aero-Instruments has been one of the most trusted names in the design and manufacture of Air Data Sensors. We are leaders in experience, quality, service and innovation, dedicated to the development of technologically advanced sensors. In the 1940s, Aero-Instruments was influential in developing the government standards still used by the Federal Aviation Administration today. Our products, including the PH500 Series Pitot Probes, have been flying continuously for over 80 years.

Developed by Aero-Instruments, the PH500 Series Pitot Probes meet or exceed AN5813, SAE AS393 and DOD MIL-T-5421B specifications. With extensive testing and analysis refined by years of experience, reliability is built into every facet of our product. Our Pitot Probes are designed with rugged heating elements to prevent ice accretion and water ingestion for reliable operation in the most adverse environmental conditions.

### FEATURES

- FAA TSO-C16 and Military Approved
- Meets or exceeds AN5813, SAE AS393 and MIL-T-5421B
- Electrically heated for anti-icing protection
- Accuracy up to 600 knots
- Temperature range -65°C to +70°C
- Industry Leading Mean Time Between Failures

### PRODUCT INFORMATION

- Common plating options available: chrome, dull chrome and electroless nickel plating
- Multiple voltages available: 12V, 24V, 115V
- Angle of Attack ranges -40° to +40° depending on nose configuration
- Standard and blunt nose options available
- Ability to customize to meet your requirements

Our legacy of experience is surpassed only by our dedication to the science of engineering. When developing our Air Data Sensors, we focus on maximizing our work in four key areas: **experience, quality, service and innovation.** We're dedicated to researching and implementing enhancements for our current sensors or developing new products. When you work with Aero-Instruments, you receive access to all facets of our customer-focused sales and engineering support.

We understand what you expect from an aerospace supplier. That's why we're dedicated to providing truly superior and unmatched customer service. Contact our knowledgeable sales staff at 866.423.7646 or sales@aero-inst.com to place an order, learn more about Aero-Instruments and our parts, or obtain technical support. We will work with you to prove why we are the best in the business.

experience

quality

service

innovation

#### experience.

Aero-Instruments has been providing sensors to the aerospace industry for more than 80 years. As the leader in Air Data Sensors for General Aviation, we have more sensors on aircraft than anyone. Our sensors have flown on nearly every type of aircraft including commercial aircraft, military aircraft, business jets, general aviation, rotorcraft and Unmanned Aerial Vehicles.

#### quality.

AS9100B:2004/ISO 9001:2000 With Design; FAA/EASA Repair Station

#### service.

We pride ourselves on being able to work with our customers to develop the perfect Sensor for every application. We are dedicated to 100% on-time delivery for all orders. Many Sensors are available for same day AOG shipment.

#### innovation.

Comprehensive on-site testing facilities and equipment for research and rapid product development.

Working with Aero-Instruments, you have the reliability and stability of a company invested in the business of aerospace since 1925, and the energy inspired by innovation. To witness the powerful combination of our people and our sensors, contact us today.

#### Aero-Instruments

14901 Emery Avenue  
Cleveland, Ohio 44135

phone: 216.671.3133 | toll-free: 866.423.7646

fax: 216.671.4177 | toll-free: 800.821.6118

web: [www.aero-instruments.com](http://www.aero-instruments.com)

email: [sales@aero-inst.com](mailto:sales@aero-inst.com)

24 / 7 / 365 AOG Support: 866.423.7646