



Raptor Scientific Avionics Systems is a leading manufacturer of Air Data Test Equipment. We directly support the United States Department of Defense (Air Force, Navy, Coast Guard, Army, National Guard), foreign military services, airframes, airlines, laboratories and various other commercial and military organizations worldwide.

Flightline Pitot Data Test Sets

The ADTS Series are portable, ruggedized, self-contained Air Data Testers capable of accurately controlling and measuring altitude and airspeed pressures. These test sets are used to calibrate, test and troubleshoot aircraft Pitot and Static systems and instrumentation on the flightline. The control and measurement ranges and accuracy of these test sets meet or exceed requirements for nearly all commercial and military aircraft test applications.



Avionics Systems

Global Provider of Test & Measurement Solutions



Leading Technology for Mission Critical Applications

Air Data Calibrators

The ADC Series are industry-leading air data calibrators capable of controlling and measuring altitude and airspeed pressures to the highest degree of accuracy. Our calibrators utilize high-precision absolute quartz transducers with proven long-term stability.



Air Data Calibration Test Systems (ADCTS)

ADCTS-1000 Series is a high-precision advanced Secondary Air Data Calibration system. The ADCTS Series is self-contained in a highly maneuverable rack enclosure, perfect for calibration and avionics labs and instrument shops. Each ADCTS-1000 can perform manual or automated test and calibration for a variety of air data equipment. We can tailor any system to meet customer-specific needs to support commercial and military requirements.



Raptor Scientific - AS Systems
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Manufactured in the USA
CAGE: 1K9E2

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Air Data Support Equipment

We offer a range of flightline and laboratory support equipment for our calibrators and test set series.

Approvals & Certifications

- ISO/EC 17025:2017 Accreditation
- ISO 9001:2015 Certification
- CAGE: 1A9E1



High-Performance Physical Properties Systems

Raptor Scientific is the premier provider of mass properties instruments and services utilized in mission-critical applications. Our unmatched engineering expertise, combined with superior testing and aftermarket services deliver industry-leading precision capabilities. We have sold more moment of inertia and center of gravity instruments than any other company, offering the most accurate instruments in the world.

Additional High-Performance Products and Expert Services

- High-performance mass properties instruments
 - Weight & Center of Gravity (CG)
 - Moment of Inertia (MOI)
 - Product of Inertia (POI)
 - Dynamic Balancing
 - Gimbal Balancing
 - Moment Weight Scales
 - Fixtures & Accessories
 - Center of Buoyancy
- Air Data Test Systems & Calibrators
- Air Bearings
- Equipment Calibration & Support
- Engineering
- Equipment Leasing
- Mass Properties Measurement Laboratory
- Radar Cross Section (RCS) Measurement
- Repair & Overhaul
- Training

Why Raptor Scientific?

- **Unmatched Performance and Services Offerings** - Testing and aftermarket services combined with a "culture of support" offers vital feedback and guidance to customers before and after purchase
- **Product Innovations** - A proven record providing cutting-edge, highly complex solutions, with engineer-to-engineer market strategy ensuring solutions meet highly customized needs
- **Comprehensive Solution Set** - Extensive product range and solutions across diverse platforms and applications with complementary solutions and multiple value-add features.
- **Design Engineering Expertise** - Unmatched engineering and application expertise balances innovation and profitability

