

A complete air data calibration and test solution for Pitot Static Test Sets, Avionics equipment (Air Data Computers, Altimeters, Airspeed Indicators and other LRU's)

- Perform automated testing locally or remotely with ADCTS Air Data Calibrator
- Easy to deploy into any environment, systems are Tailored to each Organizations Test Requirement / Application

Intuitive Graphical User Interface

Automated test and calibration software apps for ADTS405F, ADTS415F, DPS500, ADTS-3350ER, ADTS-3300JS and TTU-205J

Highly configurable system to meet most customers air data test requirements



## ADCTS-1000 Air Data Calibration Test System

The Air Data Calibration Test System (ADCTS) is high precision selfcontained and highly maneuverable air data system. The ADCTS can provide a means to measure and analyze air data and can be used in the production, calibration and testing labs of commercial and military avionics equipment vendors.

The ADCTS Series can perform both manual or automated test and calibration routines for a variety of air data test equipment. In addition to reducing touch labor, automating calibration and test procedures with approved standards provides greater consistency and repeatability in test and calibration results, as well as improved quality assurance. Depending on which standard is selected, preinstalled software apps can automate test and calibration of air data test sets, including: GE Druck ADTS405F, TS-4508/U, TS-4463/P, ADTS415F, Barfield DPS500 (w/ IEEE-488), CME ADTS415F, TestVonics ADTS-3300JS, ADTS-3350ER, and Kollsman TTU-205J. These applications provide a user-friendly interface and can automatically generate test reports. The ADCTS is easy to operate, after a few minutes of setup, the operator can start testing.

The ADCTS can be operated locally or remotely through various interfaces such as RS-232 or IEEE-488.2 GPIB. Remote operation can further reduce touch labor by as much as 85% through automation. Calibrators may also feature VGA (for connecting displays), Ethernet (for local access to file system) and USB for peripherals and printers.





ADCTS systems are available in a variety of configurations; pre-configured or custom-tailored to meet a customers test requirements or specifications.. Systems are available with a calibrator or test set and outfitted with pressure and even supplied equipment. Some features include:

- Industry standard 37° Male JIC flared AN4 (Pitot) and AN6 (Static). Options available for quick disconnect or customer specified connections.
- Pneumatic and I/O Interface panels can route rear panel outputs to the front panel
- Line Switching Unit (LSU) option can provide multiple outputs from a single output. The mechanical or electronic LSU can be operated locally through front panel controls or remotely through the RS-232 interface.



## **ADCTS-1000 Series Configuration Components and Features**





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