

Air data system fault finding and cockpit instrument checking is time consuming and expensive. A one man, fully functional test system, using sophisticated in-situ diagnostics, enables faster fault finding, calibration and turnaround.

Curtiss-Wright Controls Integrated Sensing have been designing and manufacturing air data products since 1955. CCADTS-2 applies today's computer technology to solve the practical problems of keeping sophisticated aircraft flying.

- Operated by one person only
- Calibrates cockpit instruments in situ
- Simulates aircraft flying characteristics
- Vacuum and pressure sources for all modes of testing
- Pre-programmed test routines
- Fully compliant for Reduced Vertical Separation Minima (RVSM)

The CCADTS-2 is designed to be operated by one person only, and will perform all testing functions which simulate aircraft flying characteristics throughout the entire flight envelope of the aircraft and is sufficiently accurate to visually calibrate cockpit instruments in situ, without the need to remove them from the aircraft.

...This dramatically reduces aircraft ground time and calibration costs.

Totally self-contained, CCADTS-2 incorporates vacuum and pressure sources for all modes of testing. In-cockpit control and monitoring is made efficient and convenient via a hand-held remote control and display unit. Menu-driven set up and test, and pre-programmed test routines reduce turnaround times, while programmable limits ensure that aircraft testing procedures are safe at all times.

CCADTS-2 is Rugged for 1st line on-aircraft applications. Accurate for use in avionics repair shops and 2nd and 3rd line workshops.



The Complete Air Data Test System...

- more accuracy
- more instrument types
- more aircraft programs
- more flying time

Quality Approvals

CWCIS are committed to complete customer satisfaction in all products and services. International quality approvals include BS EN ISO9001:2000 and Civil Aviation Authority

www.cwcontrols.com

CCADTS-2

COMPUTER CONTROLLED AIR DATA TEST SET

CCADTS-2

COMPUTER CONTROLLED AIR DATA TEST SET

TYPICAL OUTLINE SPECIFICATION

For further information please contact the sales department as listed below

KEY FEATURES

- Fully RVSM compliant
- Integral vacuum and pressure supplies
- Rugged, man portable or truck mounted
- Extended range
- Easy to operate
- Single person operation via remote control and display unit
- Pre-programmed test routines
- Programmable safety limits to ensure safe aircraft testing
- Electronic isolation and distribution box available

SPECIFICATION

Performance - Pitot

Air speed:	20 to 1,000kts
Air speed rate:	50 to 1,000kts/min
True air speed:	20 to 1,250kts
Mach:	0.1 to 4.0
EPR:	1.0 to 2.5

Performance - Static

Altitude:	-3,000 to 80,000ft
Altitude rate:	0 to 15,000ft/min

Environmental

Operating temperature:	-5°C to +45°C
Storage temperature:	-30°C to +65°C

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Innovation In Motion

**CURTISS
WRIGHT** Controls
Integrated Sensing