



ADSE 650

The best Pitot-static tester on the market



RVSM
COMPLIANT

- ➔ ALTIMETERS TESTING
- ➔ AIRSPEED INDICATORS TESTING
- ➔ VERTICAL SPEED INDICATORS TESTING
- ➔ WIFI
- ➔ LEAK TESTER

The ADSE 650 caters fully for all aircraft types and the different electrical power supplies. It can be used for testing high performance civil, fixed and rotary wings. This Pitot-static tester is designed primarily for flightline use to cover the testing of all barometric and manometric pressure instrument systems.

The large wireless touchscreen display, with on-screen help, enables all checks to be carried out easily on the flight deck or in the cockpit, by a single operator. The test set is robust and housed in a mobile weatherproof case. An attached bag contains the pressure hoses and electrical cables. Accessories to suit specific applications may be supplied.

GENERAL DETAILS

Temperature range	Operating -10° to 50°C (14° to 122°F) Storage -20° to +60°C (-4° to 140°F)
Power supply	90/240V, 50 to 400Hz AC, 150VA
Case	Completely weatherproof, meets EMC requirements MIL STD 462D
Physical	339x295x152mm (13.3 x 11,6 x 5.9 inch) 6kg (13,22 lbs)
Calibration	Recommended period 12 months
Ease of Use	Remote touch screen Integrated bag for cables and hoses
Ease of maintenance	Maintenance limited to calibration, regular external cleaning

MAIN FEATURES

Built-in pressure and vacuum pumps
Liquid crystal colour display with touch sensitive screen for operator instructions/help
Remote control unit based on Windows iOS
Complete self check of set before use
High accuracy, high resolution
RVSM compliant
Programmable leak test
Programmable flight envelope to protect equipment under test
All four primary flight parameters displayed simultaneously
Programmable (password write protected) test schedules
Selectable pressure units: hPa; mb; in Hg; mmHg; ft; m; kts; km/h, ft/min; hm/min, Mach number
Internal battery 2 hours autonomy

MEASUREMENT SPECIFICATIONS IN STANDARD CONDITIONS

Function	Range	Accuracy
Altitude	-2,300 to 60,000ft	± 1.5ft at 0ft
Altitude rate	± 0 to 6,000ft/min	± 1%
Indicated	10 to 650 kts	± 1kt at 50kts ± 0.5kts at 50kts optional
airspeed Mach N°	0.1 to 4.0 Mach 0.1 to 10 Mach optional	± 0.001M at 0,8M/25,000ft ± 0.002M at 1,7M/30,000ft
Static sensor	30 to 1200 mbar	0,01% FS
Pitot sensor	0 to 1000 mbar Diff	0,01% FS

On-going developments may cause a change in specifications without notice.
Special developments may be considered on a case by case basis.

OPTIONAL

Remote Control Software for PC (Windows iOS)
Low range Pt sensor: 350 kts max for General Aviation

ATEQ

MORE THAN 40 YEARS
OF CONTINUOUS
INNOVATION

