



- **ADSE 650 Pitot-Static Tester**
- One of the most compact Pitot-static Tester on the Market



**RVSM
COMPLIANT**

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



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 wing. 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 touch screen 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	Operating -5°C to 50°C (23°F to 122°F) Storage -20°C to +60°C (-4°F to 140°F) (Extended Range on-demand)
Power supply	90/264 VAC from 50 to 400Hz
Case	Completely weatherproof, meets EMC requirements MIL STD 462D
Physical	347x295x146mm (13.4 x 11.6 x 5.9 inch) 6kg (13.2 lbs)
Calibration	Recommended period 12 months
Ease of Use	Wi-Fi remote touch screen LCD colour Integrated bag for cables and hoses
Ease of maintenance	Maintenance limited to calibration, regular external cleaning
Options	Range Pt: 350 kts EPR (Engine Pressure Ratio) Cabin Pressure Outflow Valve Remote Control Software for PC (Windows iOS)

MAIN FEATURES

Built-in pressure and vacuum pumps
Remote control with touch screen unit based on Windows
Complete self check enable
High accuracy, high resolution
RVSM compliant
Programmable leak test
Programmable flight envelope to protect equipment under test
Most important flight values displayed simultaneously
Programmable (password write protected) test schedules
Selectable pressure units: hPa; psi; inHg; mmHg; ft; m; kts; km/h; Mach number
Internal battery 2 hours autonomy

MEASUREMENT SPECIFICATIONS IN STANDARD CONDITIONS +10°C TO +40°C

Function	Range	Accuracy
Altitude	-2,300 to 60,000 ft	± 3 ft at 0 ft
Altitude rate	100 to 6,000 ft/min	± 10 ft or ± 1 % (3)
Airspeed (1)	0 to 650 kts	± 0.5 kt at 50 kts
Airspeed Mach	0 to 3.0 Mach	± 0.0005 M at 0.8 M at 25,000 ft
Static sensor (2)	72 to 1,100 hPa	± 0.13 hPa
Pitot sensor (2)	0 to 870 DhPa	± 0.30 DhPa

- (1) Accuracy after Autozero function
(2) Different range & rate of sensors available on request
(3) On an integration time greater than 3 seconds, these performances are valid on a volume of 0 to 1000 cc.

On-going developments may cause a change in specifications without notice.

DELIVERY INCLUDED ACCESSORIES


10 m Ps and Pt flexible hoses with connector AN-4 female /RB03-M
10 m AC cable
5 m Remote control cable
Wireless Color Tactile PC
Plastic water-resistant suitcase
Special bag for tubes and cables
Two nipples RB03-M / AN-4 M


A FULL RANGE OF SERVICES DEDICATED TO YOUR PERFORMANCE

OUTSTANDING SERVICE
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