

PITOT OR STATIC TESTER ADSE 735

A LIGHT AND RELIABLE PITOT STATIC TESTER

- ALTIMETERS TESTING
- GROUND AIRSPEED INDICATORS TESTING
- VERTICAL SPEED INDICATORS TESTING
- AIR DATA COMPUTERS TESTING
- PRESSURE SENSORS TESTING
- LEAK TESTER

RVSM COMPLIANT



Main Features

- Ps or Pt (Speed simulation at ground level)
- Altitude RVSM with 80.000ft extended flight domain option
- Computer controlled regulation
- Built-in pressure/vacuum pumps
- QVGA Colour Liquid crystal display with touch sensitive screen for operator instructions/help
- Complete self check of set before use
- High accuracy, high resolution
- Programmable leak test
- Programmable flight envelope to protect equipment under test
- All primary flight parameters displayed simultaneously
- Programmable (password write protected) test schedules - 24 programmes available
- Selectable pressure units: hPa; mb; in Hg; mmHg; ft; m; kts; km/h, ft/min; hm/min, Mach number

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, 50Hz AC, 70VA
Case	Water resistant CE and MIL STD462D marking
Physical	440x325x200mm (17.3 x 12.8 x 7.9 inch)
Weight	12kg (26.5 lbs)
Calibration	Recommended period 12 months

Optional

External DC power supply:	12 to 32V DC
Bigger pump:	50.000ft or 80.000ft (volume dependant)

Measurement specification in standards conditions

Function	Range	Accuracy
Altitude	-2,300 to 15,000ft	±1.5ft at 0ft
	(up to -4,000ft to 80,000ft optional)	±3ft at 15,000ft
		±12ft at 50,000ft
Rate of climb	Up to ± 6,000ft/min	± 1%
Indicated airspeed	20 to 350kts	± 2kt at 50kts
		± 0.6kt at 150kts
		± 0.2kt at 350kts
Sensor	30 to 1200 mbar	0,01% FS

- Continuing development sometimes necessitates specification changes without notice.
- Special options can be analyzed and developed on request.

The ADSE 735 allows generating and controlling automatically pressures and vacuum simulating altitudes with regulated altitude rates at 1% and ground speeds, in order to check the accuracy, the hysteresis and the leak rates of all types of aircraft flight indicators (altimeters, airspeed indicator, vertical speed indicator and air data computers).

Its robust polyester case is easy to carry and contains all necessary features (electrical cables and pressure hoses).

The parameter control is performed via a rugged PDA type remote control unit with an LCD screen.