



PITOT or STATIC TESTER

For hangar and tarmac



⇒ ALTIMETERS TESTING

⇒ AIR SPEED INDICATORS TESTING



⇒ VERTICAL SPEED INDICATORS TESTING

⇒ AIR DATA COMPUTERS TESTING

⇒ PRESSURE SENSORS TESTING



⇒ LEAK TESTER

RVSM COMPILANT

The ADSE 735 allows generating and controlling automatically pressures and vacuum simulating altitudes and speeds with regulated altitude rates at 1%, 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 ruggedised PDA type **remote control unit** with an LCD transfective touch-screen display (allowing vision in the sun).



ADSE 735

Main Features

- ◆ Ps / Pt (Speed simulation at ground level)
- ◆ RVSM with 50 000 ft 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 and Mach number



**RVSM
COMPLIANT**



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ADSE 735

General details

Temperature Range	Operating	-10° à +50°C
	Storage	-20° à +60°C
Power supply	110/240V, 50 Hz AC, 70VA	
Case:	Water resistant	
	CE and MIL STD462D marking	
Physical	440mm x 325mm x 200mm	
Weight	12 kg	
Calibration:	Recommended every 12 months	

Options

Power supply :	12 to 32V DC
AC Power Supply:	110/240 V, 50 to 400 Hz
Extended flight domain to	50 000 ft

Measurement specifications

Function	Range	Accuracy (1)
Altitude:	-2,300 to 15,000ft	±5 ft at 0 ft
		±7 ft at 5,000 ft
		±8 ft at 15,000 ft
	-700 to 5,000m	±1.5 m at 0 m
		±2.1 m at 1,500 m
		±2.5 m at 4,500 m
Rate of climb:	Up to ±6,000ft/min	±1%
	Up to ±2,000m/min	±1%
Indicated airspeed	20 to 350kts	±3.5kt at 20kts
		±0.2kt at 150kts
		±0.1kt at 350kts
	50 to 650km/h	±1.2km/h at 100km/h
		±0.4km/h at 300km/h
		±0.2km/h at 650km/h
Sensor	30 to 1100 mbar	0,01% FS (1)

(1) linearity + repeatability + hysteresis at ambient +10° to +40°C
x 1,5 for -10° to +50°C

FS: Full Scale