

PITOT | STATIC TESTER For hangar and tarmac



AIR SPEED INDICATORS TESTING

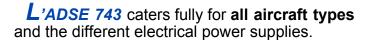
VERTICAL SPEED INDICATORS TESTING

AIR DATA COMPUTERS TESTING

PRESSURE SENSORS TESTING

LEAK TESTER

RVSM COMPILANT



t can be used for testing high performance civil and military aircraft, fix 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 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 weather- proof case**. An attached bag contains the pressure hoses and electrical cables.

Accessories to suit specific applications may be supplied.



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 XP tablet PC
- ◆ 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,





TESTEUR PITOT | STATIC

Measurement specification

ADSE 743

General details

Temperature range	Operating -10° to 50°C	
Power supply	110/240V,50 to 400 Hz AC, 150VA	
Case:	Completely weatherproof,meets EMC requirements - MIL STD 462D	
Physical:	515mm x 380mm x 270mm 17 kg (38 lbs)	
Calibration:	Recommended period 12 months	
Ease of Use	Remote touch screen	
	Integrated bag for cables and ho-	
Ease of maintenance:	Maintenance limited to calibration,	
	regular external cleaning and	
	exchange of filters	
	(with the calibration)	

Optional

Power supply: 17 to 32V DC

Remote Control Software for PC (Windows 2000 & XP)

Function	Range	Accuracy (1)
Altitude:	-2,300 to 60,000ft	±3ft at 0ft
		±8ft at 30,000ft
		±32ft at 60,000ft
	-700 to 18,000m	±1m at 0m
		±2.5m at 9,000m
		±10m at 18,000m
Altitude rate:	Up to ±6,000ft/min	±1%
	max.±2,000m/min	±1%
Indicated airspeed:	10 to 800kts	±2kt at 50kts
		±0.14kt at 500kts
		±0.07kt at 800kts
	20 to 1480km/h	±3km/h at 100km/h
		±0.26km/h at 900km/h
		±0.13km/h at 1480km/
Mach No:	0.1 to 4.0 Mach	±0.002M at
		±0.004M at
Static sensor	30 to 1200 mbar	0,01% FS (1)
Pitot sensor	30 to 3000 mbar	0,01% FS (1)

(1) linearity + repeatability + hysteresis at ambiant +10° to +40°C

x 1,5 for -10° to +50° x 0,5 for ±2°C lab use



