



PITOT / STATIC INDICATOR For Laboratory and Workshop



⇒ ALTIMETERS TESTING

⇒ AIR SPEED INDICATORS TESTING

⇒ VERTICAL SPEED INDICATORS TESTING

⇒ AIR DATA COMPUTERS TESTING

⇒ PRESSURE SENSORS TESTING



RVSM COMPILANT

The ADSE 730 is a complete high performance dual pressure **Ps** and **Pt** stand-alone test bench specially designed to be used in the workshop or in the laboratory to test and calibrate all air data equipment (altimeters, vertical speed indicators, anemometer, MACH-meter and air data computers ...) and sensors.

The high precision embedded sensors enable the **ADSE 730** to be used as a pressure standard.

The ADSE 730 is fitted with a 9,4" LCD Touch screen for easy human machine interface.



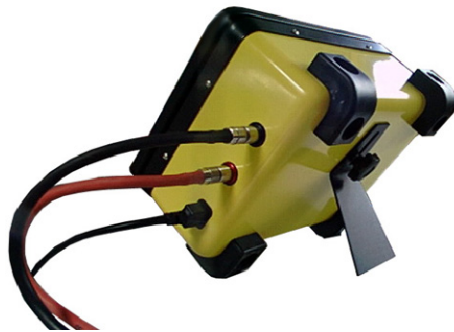
ADSE 730

Main Features

- ◆ Liquid crystal display with touch sensitive screen for operator instructions/help
- ◆ 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
- ◆ Selectable pressure units : hPa; mb; in Hg; mmHg; ft; m; kts; km/h, ft/min; m/sec and Mach number



**RVSM
COMPLIANT**



LECTEUR PITOT / STATIC

ADSE 730

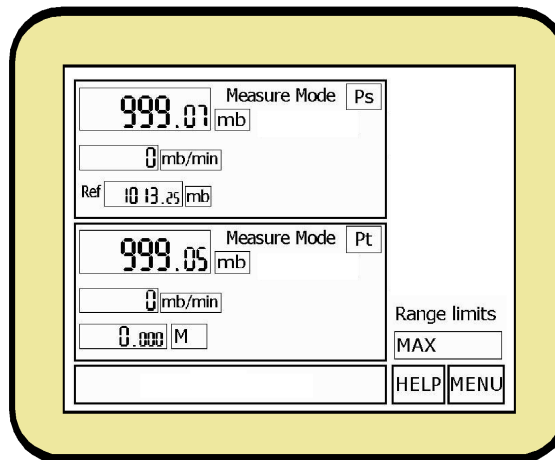
General details

Temperature range	operating : 10 °C to 40 °C
Power supply	110/240V,50 Hz AC, 50VA
Case:	Robust fibber EMC requirements - MIL STD 462D
Physical:	320mm x 240mm x 100mm 5kg (11lbs)
Calibration:	Recommended period 12 months
Ease of Use	9,4" LCD touch screen
Ease of maintenance:	Modular design permitting ease of accessibility to mechanical assemblies and electronic components

Measurement specification

Function	Range	Accuracy (1)
Altitude:	-2,300 to 80,000ft	±3ft at 0ft ±8ft at 30,000ft ±32ft at 60,000ft
	-700 to 24,000m	±1m at 0m ±3m at 10,000m ±13m at 20,000m
	Indicated airspeed:	10 to 800kts
20 to 1480km/h		±3km/h at 100km/h ±0.26km/h at 900km/h ±0.13km/h at 1480km/h
Mach No:		0.1 to 6.0 Mach
Static sensor	35 to 1355 mbar	0,01% FS
Pitot sensor	35 to 2700 mbar	0,01% FS

(1) linearity + repeatability + hysteresis at ambient +10° to +40°C
x 0,5 for ±2°C lab use



Typical screen display