

STATIC TESTER ADSE 715 RS

FOR LABORATORY AND WORKSHOP

It can test virtually all altimeters

- ALTIMETERS TESTING
- VERTICAL SPEED INDICATORS TESTING
- AIR DATA COMPUTERS TESTING
- PRESSURE SENSORS TESTING
- ALTIMETER'S WATCH TESTING

RVSM COMPLIANT



The ADSE 715 is a complete high performance single pressure Ps stand-alone test bench specially designed to be used in the workshop or in the laboratory to test and calibrate all air data equipment such as altimeters, vertical speed indicators, air data computers ...) and sensors.

The high precision embedded sensors enable the ADSE 715 to be used as a pressure standard.

The user interface running on a PC connected through USB link is programmed under Windows® and Labview®, with a data base managed in a spreadsheet for easy evaluation, management, statistics and presentation.

Main Features

- Complete self check of set before use
- High accuracy, high resolution
- RVSM compliant
- Programmable leak test
- Programmable flight envelope to protect equipment under test
- Programmable (password write protected) test schedules - 24 programs 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, 50 to 400Hz AC, 150VA |
| Case | 370x320x250 mm (14.6 x 12.6 x 9.8 inch), 7kg (15 lbs) |
| Calibration | Recommended period 12 months |
| Ease of Use | Windows human/machine interface Program script Easy programming of test reports |
| Ease of maintenance | Modular design permitting ease of accessibility to mechanical assemblies and electronic components |

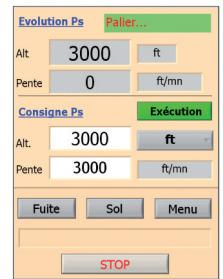
Optional

| | |
|------------------|---|
| Internal Pump: | 60.000 ft - 6.000 ft/min (Volume dependant) |
| Bigger Pumps: | Altitude 100.000ft |
| | 19" 4U housing |
| Alticoder sensor | |

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 |
| Altitude rate | Up to ±6,000ft/min | ±1% |
| Static sensor | 30 to 1200 mbar | 0,01% FS |

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



Typical screen display

LAB