

ALTS

Aircraft Leak Test System

SPECIFICATIONS

Low Flow Meter

Range: 0 - 1.13 lbm/min

Accuracy: $\pm 1\%$ FS

High Flow Meter

Range: 1.13 - 30.08 lbm/min

Accuracy: $\pm 0.1\%$ FS
(< 6.92 lbm/min)
 $\pm 0.25\%$ FS
(> 6.92 lbm/min)

Cabin Pressure Sensor

Range: 0 - 30 psig

Accuracy: $\pm 0.03\%$ FS

Resolution: 0.001 psi

Power 110 VAC / 60Hz

FEATURES

- User-friendly touch panel
- Advanced digital instrumentation
- Live test parameter display
- Push button flow range selection
- Precision pressure regulator
- Data recording capability
- Seamless calibration process
- Portable cart design
- Customizable ranges

The **ALTS** is a user-friendly, portable leak testing system designed to perform leak rate tests of aircraft fuselages and related components. Using modern digital instrumentation, the **ALTS** ensures great accuracy and reliability of tests.

The **ALTS** uses precision pressure regulators to accurately control pressurization / depressurization rates and test pressures. It utilizes a high accuracy coriolis flow meter and a thermal mass flow meter.

The touch panel on the **ALTS** provides live data and is USB enabled for simple data recording. The system was designed to accommodate the user with a simple and seamless calibration process.

