

PITOT OR STATIC TESTER ADSE 543

A LIGHT AND RELIABLE PITOT STATIC TESTER

- ALTIMETER TESTING
- GROUND AIRSPEED INDICATORS TESTING
- VERTICAL SPEED INDICATORS TESTING



The ADSE 543 pitot static tester, housed in a plastic carrying case, is a portable, self contained field tester designed to test aircraft pitot and static systems for leaks as well as the operation and calibration of airspeed, altimeter, engine pressure ratio, manifold pressure indicators, and other vacuum or low pressure units.

The tester consists of a hand-operated vacuum pump, a hand-operated pressure pump vacuum and pressure gauges, 5 control valves, an altimeter and an airspeed indicator. The package accessories include two 25-foot hoses, a pitot mast adapter, and a static port adapter kit which enable the user to connect the aircraft pitot and static lines.

Main Features

- Ps Pt (speed simulation at ground level)

General details

Temperature range	Operating -10° to 50°C (14° to 122°F) Storage -20° to +60°C (-4° to 140°F)
Case	Water resistant CE and MIL STD462D marking
Physical	515 x 380 x 270 mm (20.3 x 15 x 10.6 inch)
Weight	12kg (26.5 lbs)

Measurement specifications in standard conditions

Function	Range	Accuracy
Altitude	-1,000 to 20,000ft	±1.5ft at 0ft
Rate of climb	Up to ± 6,000ft/min	±1%
Indicated airspeed	Up to 650 kts	±2kt at 50kts

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

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