



ADTS

2 and 3-channel Pitot Static Test Set

Static (Ps) Range: -3,000 to 65,000 feet
Pitot (Pt) Range: 0 to 800 knots
Static (Ps2) Option AoA, AoS or range of Static (Ps) or Pitot (Pt)
Smart Probe Compatible

7.0-inch touchscreen remote display (WiFi or wired operation) features an Intuitive Graphical User Interface

Optional Ps2 channel for AoA, AoS or other test applications

Common test set for nearly all commercial aircraft

Durable case with retractable handle and smooth rolling wheels



Global Provider of Test & Measurement Solutions



ADTS-3250 Air Data Test Set



**SMART PROBE
COMPATIBLE**



The ADTS-3250 is a portable, high precision, dual channel pitot static test set designed to calibrate, test and troubleshoot aircraft pitot-static systems and air data instrumentation. The ADTS can be used to test nearly all types of commercial aircraft and meets requirements for RVSM testing. The test set base model is a two-channel system - upgrade to the three-channel model for testing Angle of Attack (AoA).

The 7.0" touchscreen handheld Remote Control Unit can be operated both wirelessly using built-in WiFi direct or hardwired to the test set using the included cable. The intuitive graphical user interface is designed to virtually eliminate the operators learning curve.

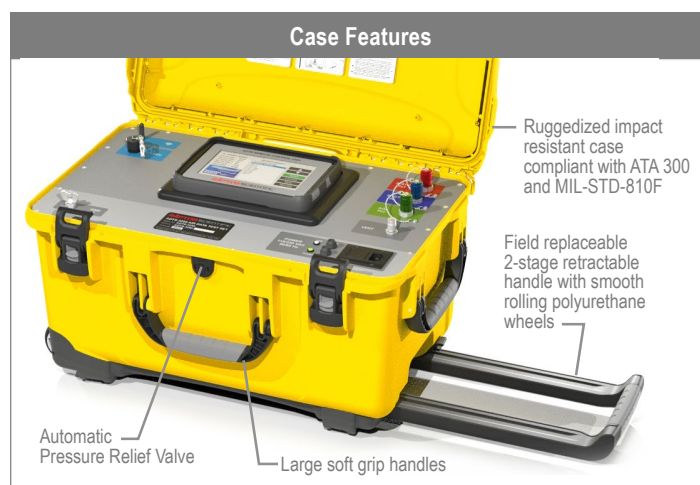
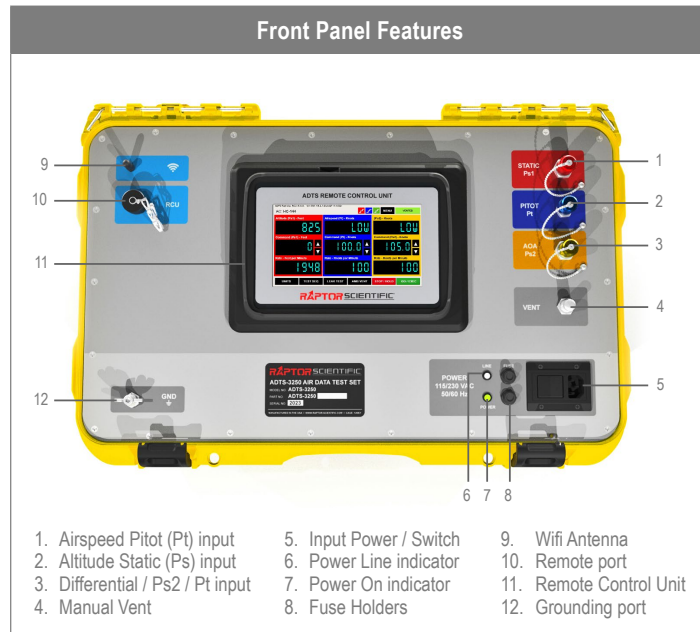
Aircraft Pre-Select allows the operator to select pre-loaded aircraft profiles. Once selected, the profile limits the ranges and rates to the aircraft under test. Each aircraft profile can store a virtually unlimited

amount of Test Sequences. These sequences can be programmed to perform semi-automated tests based on job guides or technical orders. This provides improved test consistency while decreasing testing times. Profiles and test sequences can be created and/or edited using the included Profile Builder software.

The remote unit allows the operator the ability to perform aircraft checks and control the test set directly from the cockpit. The WiFi connection provides greater range over Bluetooth systems.

The ADTS can be calibrated automatically using Raptor Scientific ADC Series Air Data Calibrators. Corrections are automated and require no mechanical adjustments. The transducers have been proven to hold their accuracy for a minimum period of one (1) year.

ADTS-3250 Specifications	
Altitude (Ps) Range	-3,000 to 65,000 ft
Altitude Accuracy	±3 ft at 0 ft ±7 ft at 30,000 feet ±36 ft at 65,000 feet
Altitude Rate	0 to 20,000 ft/min Accuracy: ±10 ft/min or ±1% setting
Altitude Resolution	1 ft, 0.01 mbar, 0.0001 inHg (Ps), 0.01 mmHg
Altitude Units	feet, meters, inHg, mmHg, mbar, hPa, PSIA
Airspeed (Pt) Range	0 to 650 knots
Airspeed Accuracy	±1.50 kts at 50 knots ±0.10 kts at 550 knots
Airspeed Rate	0 to 800 kts/min Accuracy: ±10 kts/min or ±1% setting
Airspeed Resolution	0.1 kt, 0.01 mbar, 0.0001 inHg (Pt), 0.01 mmHg
Airspeed Units	IAS/CAS, kts, Mach, inHg, mmHg, mbar, hPa, PSIA, kph
Ps2 Differential Function	Range: ±12.00 inHg Accuracy: ±0.010 inHg
Altitude Function	Function same as Ps1
Airspeed Function	Function same as Pt
Rate	0 to 20,000 ft/min
Display	7.0-inch color LED touchscreen
Interfaces	External: Remote, USB / Internal: RS-232, USB
Calibration Cycle	One (1) year
Power	90-265 VAC, 50/60 Hz, 1 Phase
Dimensions	25.4 x 20.0 x 14.5 in (62.2 x 50.8 x 36.8 cm)
Weight	42 lbs (19.1kg) <i>estimated</i>




Aircraft Pre-Select Feature

Aircraft Pre-Select mode allows the operator to select the aircraft under test. Profiles are pre-loaded at the factory or can be created by the end user. Test Sequences allow the ability to program an unlimited number of individual tests for each stored aircraft profile. These can easily be edited using our free Profile Builder software

Aircraft Ranges and Limit settings

AC: Citation Longitude	
Altitude Limit	45000
Max ALT Rate	6000
Airspeed Limit	476
Max A/S Rate	400
MACH Limit	0.83
Test Profiles	YES

Aircraft Image (full library available)



AIRCRAFT SELECT

EXTENDED RANGE

NORMAL RANGE

Airbus A220

Boeing BBJ MAX

Bombardier Learjet 75

Bombardier Global 8000

Cessna SkyCourier

Cirrus Vision Jet

Citation Longitude

Dassault Falcon 8X

Gulfstream G700

HondaJet Elite S

King Air 360

ENTER

CONTROL

MENU

TEST SEQ

Aircraft Selections

