



# 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.

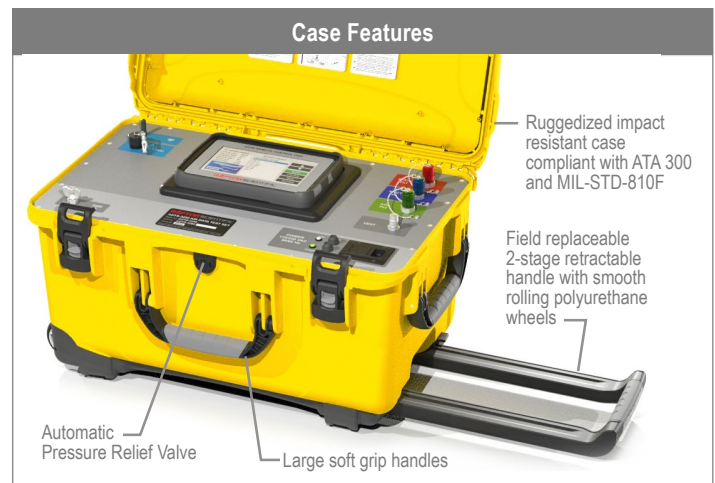
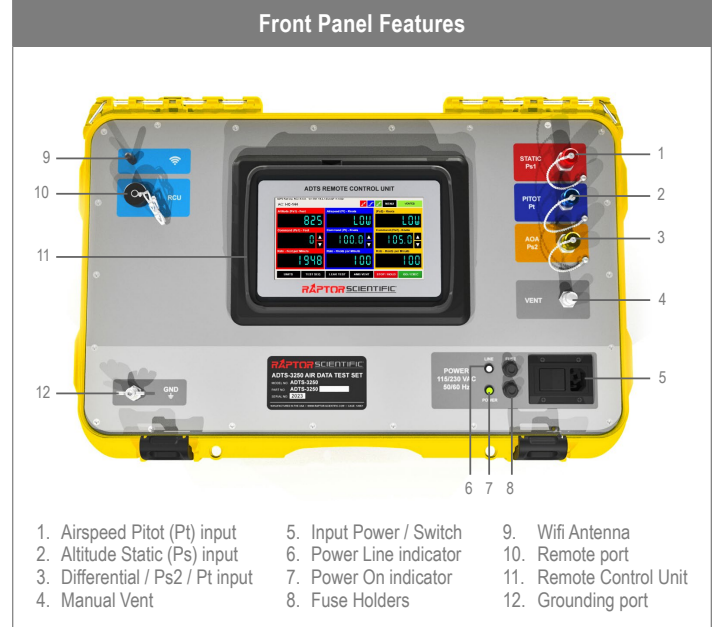
Aircraft Pre-Select allows the operator to select pre-loaded aircraft profiles. Once selected, the profile limits the ranges and rates to the aircraft under test. Each aircraft profile can store a virtually unlimited

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	AIRCRAFT SELECT	
	Altitude Limit	45000	EXTENDED RANGE
Aircraft Image (full library available)	Max ALT Rate	6000	NORMAL RANGE
	Airspeed Limit	476	Airbus A220
	Max A/S Rate	400	Boeing BBJ MAX
	MACH Limit	0.83	Bombardier Learjet 75
	Test Profiles	YES	Bombardier Global 8000
			Cessna SkyCourier
			Cirrus Vision Jet
			Citation Longitude
		Dassault Falcon 8X	
		Gulfstream G700	
		HondaJet Elite S	
		King Air 360	

Aircraft Selections

