LAVERSAB

MODEL 6600

Pitot Static Tester: 3-Outputs

Specifications on back

Model 6600 Automated Pitot Static Tester with 3 Outputs

The 6600 Automated Tester is ideal for use on aircraft with "Smart Probes" capable of measuring AOA using Air Data. The tester has one Static output (Ps1), one Pitot output (Pt) and a third output (Ps2) which can be used to simulate either AOA or AOS. Using the small and light-weight Remote unit a user can operate the tester from the cockpit and test the entire pitot and static system of the aircraft. The tester includes built-in vacuum and pressure pumps and emergency manual bleed-down valves. The high accuracy of this unit meets all RVSM requirements. Also, it requires no maintenance other than to be calibrated only once a year. The use of "Profiles" makes it possible for the operator to run through a test using only a single key on the Remote unit.

Specifications

Ps1 Output

Pressure function	
range:	0.1 to 42 inHg
resolution:	0.0001 inHg
accuracy:	0.002 inHg
Altitude function	
range:	-4000 ft. to 60,000 ft.
resolution:	1 foot
accuracy:	2 ft. @ 0 ft; 6 ft. @ 35,000 ft. 12 ft. @ 50,000 ft.
Climb function	
range:	0 ft/min to 25,000 ft/min
resolution:	1 ft/min
accuracy:	1% of rate of climb
Displayed units:	Feet, meters, inHg, mbar

Ps2 Output

Pressure function:	Same as for Ps1 Output
Altitude function:	Same as for Ps1 Output
Climb function:	Same as for Ps1 Output
Airspeed function:	
range:	0 to 500 knots
resolution:	0.1 knots
accuracy:	0.3 knots @ 50 knots 0.16 knots @ 100 knots 0.05 knots @ 500 knots
Displayed units:	inHg, mbar, Dfin, Dfmb, Feet, meters, knots, kmph

Pt Output

Pressure function	
range:	0.1 to 60 inHg
resolution:	0.0001 inHg
accuracy:	0.003 inHg
Airspeed function	
range:	0 to 650 knots
resolution:	0.1 knots
accuracy:	0.5 knots @ 50 knots 0.25 knots @ 100 knots 0.05 knots @ 650 knots
Mach function	
range:	0.0 to 3.0 Mach
resolution:	0.001 Mach
accuracy:	0.001 above 0.2 Mach
Displayed units:	knots, Mach, kmph, mph, EPR, inHg, mbar, Qcin, Qcmb

"Jog" feature

Allows set-point to be increased or decreased in steps of 1 foot or 0.1 knots simply by using arrow keys.

"Profiles" feature

A profile of the standard set-points of an altimeter check or airspeed check can be downloaded from a computer. Such a profile allows the user to operate the unit using a single key. Up to 12 such profiles can be stored in the unit. PC-based software is included.

Pressure & Vacuum system

The tester includes separate pressure and vacuum diaphragm pumps for higher reliability. The pressure system includes a membrane dryer, and a filter to provide clean dry air for the entire system.

Remote unit

The Remote unit is the operator interface for the tester. It is small and light enough to be used in the cockpit. The tester can be turned On and Off from the Remote. All valid parameters, including altitude, climb and airspeed, are clearly displayed simultaneously on a single screen on the Remote.

Manual Vent

The tester includes manual metering valves to enable the system (aircraft) to be manually vented in the event of loss of power.

Power requirement

90-260 VAC, 47-440 Hz ; 200 VA

Interfaces

RS232 Standard; IEEE-488 & Encoder optional

Dimensions & weights

Main unit: 22" x 14" x 9" / 45 lbs
Remote unit: 7" x 8" x 2" / 1 lb.

Environmental specs:

Operating temp.	0° to 50°C
Storage temp.	-25° to 75°C
Humidity:	5 to 100%

Specifications subject to change without notice

5/13

LAVERSAB
Sugar Land, TX
USA

Phone: **(800) 285-7337**
(281) 325-8300
Fax: **(281) 325-8399**
Web: **www.laversab.com**
E-mail: **sales@laversab.com**