



Remote Unit with Touch



**Automated Pitot Static Tester (RVSM)..... for small Jets**  
( with internal Battery )

## Model 6250 Automated Pitot Static Tester (RV SM) ( for sma II Jets )

The Model 6250 is used to perform leak-checks and accuracy checks on the Pitot Static systems of RVSM aircraft. Accuracy checks are typically performed on altimeters, airspeed indicators and VSI's. The high accuracy of the Static output is fully compliant with RVSM requirements. The high accuracy of the Pitot output is ideally suited for checks at low airspeeds. The Model 6250 is equipped with a Remote unit which has a large sunlight-readable display and touch-screen. A redundant keypad is also included. An internal 8-hour battery (optional) makes the tester completely portable. The wide operating temperature (optional) makes it usable in any environment. The "Profiles" feature makes it very easy to use. Calibration is required only once a year. With these distinctive features, the Model 6250 is the ideal Pitot Static tester for small RVSM Jets.

### Specifications

Static Output		<b>Features</b> <ul style="list-style-type: none"><li>Fully automated high-precision control</li><li>Profiles – 15 profiles with 50 points each</li><li>"Jog" – Change targets in steps of 1 foot or 1 knot using arrow keys</li><li>Altitude offset correction</li><li>Programmable Limits</li><li>Protection against negative airspeed</li><li>Self Test checks all internal functions</li><li>"Go To Ground" feature</li><li>Automatic ambient-pressure sensing</li><li>Manual vent valves for emergency venting</li><li>Independent or simultaneous leak-checking on Pitot and Static outputs</li><li>Instant leak-rate display enhances leak-detection</li><li>Aircraft instruments protected against large leaks</li><li>Strong pumps have minimum 5000-hour life</li><li>Calibration required only once a year</li><li>5.8" ultra-bright sunlight-readable color display</li><li>High resolution touch can be operated with gloves</li><li>Touch can be disabled</li><li>Redundant keypad provides backup for Touch</li><li>Internal battery (optional) provides 8 hours of operation</li><li>Optional extended temperature for cold climates</li><li>Pull-out handle and wheels for easy portability</li></ul>
Units	feet, meters, inHg, mbar, psi, mmHg, kg/cm <sup>2</sup>	
Pressure function		
range:	1 to 32 inHg	
resolution:	0.001 inHg	
accuracy:	0.003 inHg	
Altitude function		
range:	-2000 ft. to 50,000 ft.	
resolution:	1 foot	
accuracy:	3 ft. @ 0 ft. 4 ft. @ 10,000 ft. 6 ft. @ 20,000 ft. 9 ft. @ 35,000 ft. 18 ft. @ 50,000 ft.	
Climb function		<b>Power requirement</b> 90-260 VAC , 47-440 Hz ; 100 W Optional Internal battery: 8-hour operation <b>Interfaces</b> RS 232 ; Encoder optional <b>Dimensions &amp; weights</b> Main unit: 22" x 14" x 9" / 28 lbs Remote unit: 6" x 6" x 1" / 1 lb. <b>Environmental specs:</b> Operating temp: 0° to 50°C ; -30° to 50°C (optional) Storage temp.: -30° to 75°C Humidity: 5 to 100%
range:	0 ft/min to 10,000 ft/min	
resolution:	1 ft/min	
accuracy:	1% of rate of climb	
Pitot Output		
Units	knots, Mach, kmph, mph, inHg, mbar, psi, mmHg, kg/cm <sup>2</sup> , EPR	
Pressure function		
range:	0 to 15 inHg (diff.)	
resolution:	0.001 inHg	
accuracy:	0.003 inHg (or better)	
Air speed function		
range:	0 to 500 knots	
resolution:	0.1 knots	
accuracy:	1.0 knots @ 20 knots 0.3 knots @ 50 knots 0.2 knots @ 100 knots 0.1 knots @ 200 knots 0.04 knots @ 500 knots	
Air speed rate:	0 to 500 knots/min	
Mach function		<b>Specifications subject to change without notice</b>
range:	0.0 to 1.0 Mach	
resolution:	0.001 Mach	
accuracy:	0.001 above 0.2 Mach	
EPR function		
range:	0.9 to 16	
resolution:	0.001	
accuracy:	0.002 typ.	

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Sugar Land, TX  
USA



**Distributor AT & CH**  
 Phone +43 (0) 69912559592  
[www.aero.wmelectronic.at](http://www.aero.wmelectronic.at)  
[sales@wmelectronic.at](mailto:sales@wmelectronic.at)