



6250



Wifi-enabled



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

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## Model 6250 Automated Pitot Static Tester (RVSM) ( for light Jets )

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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 a keypad. 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. The 6250 is also WiFi-enabled. With these distinctive features, the Model 6250 is the ideal Pitot Static tester for light RVSM Jets.

### Specifications

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Static Output	Features
<b>Units</b>	feet, meters, inHg, mbar, psi, mmHg, kg/cm <sup>2</sup>
<b>Pressure function</b>	
range:	1 to 32 inHg
resolution:	0.001 inHg
accuracy:	0.003 inHg
<b>Altitude function</b>	
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.
<b>Climb function</b>	
range:	0 ft/min to 10,000 ft/min
resolution:	1 ft/min
accuracy:	1% of rate of climb
<b>Pitot Output</b>	
<b>Units</b>	knots, Mach, kmph, mph, inHg, mbar, psi, mmHg, kg/cm <sup>2</sup> , EPR
<b>Pressure function</b>	
range:	0 to 15 inHg (diff.)
resolution:	0.001 inHg
accuracy:	0.003 inHg (or better)
<b>Airspeed function</b>	
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
Airspeed rate:	0 to 500 knots/min
<b>Mach function</b>	
range:	0.0 to 1.0 Mach
resolution:	0.001 Mach
accuracy:	0.001 above 0.2 Mach
<b>EPR function</b>	
range:	0.9 to 16
resolution:	0.001
accuracy:	0.002 typ.
	<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>• 3 Leak-timers can be programmed for timed-leaks between 1 and 20 minutes.</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>• Keypad allows for easy and reliable data-entry</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>
	<b>Power requirement</b> 90-260 VAC, 47-440 Hz ; 100 W (200W with heaters) Optional Internal battery: 8-hour operation
	<b>Interfaces</b> WiFi, RS232 ; Encoder optional
	<b>Dimensions &amp; weights</b> Main unit: 22" x 14" x 9" / 30 lbs Remote unit: 6" x 6" x 1" / 1.8 lb.
	<b>Environmental specs:</b> Operating temp: 0° to 50°C ; -40° to 50°C (optional) Storage temp.: -40° to 75°C Humidity: 5 to 100%

*Specifications subject to change without notice*

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