



Remote Unit with Touch



Automated Pitot Static Tester (RVSM)

Model 6270 Automated Pitot Static Tester (RV SM)

The Model 6270 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 Model 6270 is equipped with a Remote unit which has a large sunlight-readable display and touch-screen. A redundant keypad is also included. An internal 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 6270 is the ideal Pitot Static tester for RVSM-compliant aircraft.

Specifications

<p>Static Output</p> <p>Units: feet, meters, inHg, mbar, psi, mmHg, kpa</p> <p>Pressure function range: 1 to 32 inHg resolution: 0.001 inHg accuracy: 0.003 inHg</p> <p>Altitude function range: -2000 ft. to 60,000 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.</p> <p>Climb function range: 0 ft/min to 15,000 ft/min resolution: 1 ft/min accuracy: 1% of rate of climb</p> <p>Pitot Output</p> <p>Units: knots, Mach, kmph, mph, EPR, inHg, mbar, psi, mmHg, kpa (diff & absolute)</p> <p>Pressure function range: 0 to 30 inHg (diff.) resolution: 0.001 inHg accuracy: 0.003 inHg</p> <p>Airspeed function range: 0 to 650 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</p> <p>Airspeed rate: 0 to 500 knots/min</p> <p>Mach function range: 0.0 to 3.0 Mach resolution: 0.001 Mach accuracy: 0.001 above 0.2 Mach</p> <p>EPR function range: 0.9 to 30.0 resolution: 0.001 accuracy: 0.002 typ.</p>	<p>Features</p> <ul style="list-style-type: none"> • Fully automated, high-precision control • Profiles – 15 profiles with 50 points each • "Jog" – Change targets in steps of 1 foot or 1 knot using arrow keys • Altitude offset correction • Programmable Limits • Protection against negative airspeed • Self Test checks all internal functions • "Go To Ground" feature • Automatic ambient-pressure sensing • Manual vent valves for emergency venting • Independent simultaneous leak-checking on Pitot and Static outputs • Instant leak-rate display enhances leak-detection • Aircraft instruments protected against large leaks • Strong pumps have minimum 5000-hour life • Calibration required only once a year • 5.8" ultra-bright sunlight-readable color display • High resolution touch can be operated with gloves • Touch can be disabled • Redundant keypad provides backup for Touch • Internal battery (optional) for 6 to 8 hours of operation • Extended temperature (optional) for cold climates • Encoder interface (optional) • Pull-out handle and wheels for easy portability <p>Power requirement 90-260 VAC, 47-440 Hz ; 100 W (200W with heaters) Optional internal battery: 6 to 8 hours of operation</p> <p>Interfaces RS 232 ; Encoder optional</p> <p>Dimensions & weights Main unit: 22" x 14" x 9" / 34 lbs Remote unit: 6" x 6" x 1" / 1.8 lb.</p> <p>Environmental specs: Operating temp: 0° to 50°C ; -30° to 50°C (optional) Storage temp: -30° to 75°C Humidity: 5 to 100%</p> <p style="text-align: center;">Specifications subject to change without notice</p>
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