

Electronic Digital Engine Tachometer

The P1000 is lightweight, accurate under all operating conditions, easy to install and maintain, and easy to view.

Provides diagnostic & performance information about your engine & ignition system not normally available with mechanical tachometers



Eliminates Hazardous & Expensive Problems

Traditional mechanical aircraft tachometer can exhibit undesirable features: excess weight, oil seal failures, excessive maintenance and repair costs and, the big one, inaccuracy.

Inaccuracy may cause engine operation outside of allowable RPM ranges, reduced engine life, reduced fuel economy, reduced power or propeller over-speeding.

This digital model brings you:

- Continuous comparison of the left magneto's RPM and the right magneto's RPM which will yield an error indication if a difference is found. This feature provides early indication of worn or malfunctioning magneto points, floating points or low power output from the magneto coils.
- Detects the total loss of either magneto signal and turns on an error indicator to inform the pilot. This feature also provides indication of possible "HotMag" or grounded magneto conditions.
- If either magneto fails or operates erratically, the P1000 will continue to deliver RPM using timing information supplied from the remaining magneto.
- Contains easy to see indicators for Restricted (Red Line), Warning and Normal Operation RPM ranges.
- Also incorporated into the P1000 is a highly accurate engine hours clock, and an RPM Trap memory that recalls the highest RPM achieved by the engine, during that flight. Both features are enabled with a touch of a button.
- Large 1/2 inch LCD backlit display with LED warning lights; utilizes a standard 3-1/8 inch panel opening.

How it works

The P1000 integrates two independently operating tachometers via an onboard microprocessor. The microprocessor continuously computes RPM from timing signals from the magneto's "Plead" or primary coil grounding leads. No external probes or sensors are required, thus eliminating critical components from the hostile engine environment and providing additional reliability

\$598 USD

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