

# — NIST —

## Calibration Certificate

**Manufacturer****Model:** PLT-5000**Description:** Non-Contact Tachometer**Serial No:****Range:** 6 to 99,999 RPM**Tolerance:**  $\pm 1.0$  RPM ; 6 to 599.9 RPM  
 $\pm 0.006\%$  of reading  $\pm 0.5$  digit  
600.0 to 99,999 RPM**Date Calibrated:** 07/12/2006**Next Date due:****Calibrated by:** Yasumichi  
Sugiyama**Conditions****Degree Fahrenheit:** 70° F**Relative Humidity:** 65 %

This certificate attests that this instrument has been calibrated under the standard conditions with standards traceable to the National Institute of Standards and Technology (NIST). Evidence of traceability is included and also maintained on file at our laboratory. An acceptable accuracy ratio between the standard and the item calibrated has been maintained.

Accuracy of standard used for certification is equal to or greater than the accuracy of the certified instrument. Calibration is in conformance with manufacture's specification.

**Standard Used:** CALBRATOR**Model:** TACH CAL**Serial No:****Accuracy:** Certificate of Calibration

<b>Standard</b>	<b>Actual</b>	<b>Error</b>	<b>Tolerance</b>
<b>(RPM)</b>	<b>Reading</b>	<b>(RPM)</b>	<b>(RPM)</b>
	<b>(RPM)</b>		
10	10	0	1
100	100	0	1
1000	1000	0	0.6
10,000	10,000	0	1.1
99,500	99,502	2	6.5

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