

# — NIST —

## Calibration Certificate

Date Calibrated: 07/24/08  
 Next Date Due: 07/24/08  
 Calibrated by: Andy. Lin  
 Conditions

Model: DT-105A  
 Description: Contact Tachometer  
 Serial No: A07780036  
 Range: 0.10 to 25,000 RPM  
 Tolerance:  $\pm 0.06$  RPM ; 0.10 to 999.99 RPM  
 $\pm 0.6$  RPM ; 1,000 to 9,999.9 RPM  
 $\pm 0.006\%$  of reading  $\pm 1$  digit ;  
 10,000 to 25,000 RPM

Degrees Fahrenheit: 73 F  
 Relative Humidity: 68 %

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 instrument 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: Tachometer Calibrator  
 Model: TACH CAL  
 Serial No:  
 Accuracy: Certificate of Calibration

Standard (RPM)	Actual Reading (RPM)	Error (RPM)	Tolerance $\pm$ (RPM)
10.00	10.01	0.01	0.06
50.00	50.00	0	0.06
500.00	499.99	0.01	0.06
3029.5	3029.3	0.2	0.6
24984	24983	1	3