

— NIST —

Calibration Certificate

Date Calibrated: 07/26/02

Next Date Due: 07/26/03

Calibrated by: Andy. LIN

Conditions

Model: DT-209X

Description: Non-Contact Tachometer

Serial No: 123456

Range: 6 to 99 999 RPM

Degrees Fahrenheit: 73 °F

Tolerance: ± 1 RPM ; 6 to 8,300 RPM
 ± 2 RPM ; 8,300 to 25,000 RPM
 $\pm 0.006\%$ of reading ± 1 digit ;
 25,000 to 99,999 RPM

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 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: Tachometer Calibrator

Model: TACH CAL

Serial No: G050486

Accuracy: Certificate of Calibration No. 1162469

Standard (RPM)	Actual Reading (RPM)	Error (RPM)	Tolerance $\pm$ (RPM)
10	10	0	1
100	100	0	1
1000	1000	0	1
9989	9988	1	2
9947	9947.0	2	7

ELECTROMATIC Equip't Co., Inc. Cedarhurst, NY 11516