

CERTIFICATE OF CALIBRATION

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Calibration Certificate #1078.01

PRECISION METROLOGY

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1001765634

Certification Number

Gage ID	C08B0739	Manufacturer	SHIMPO
Type	TACHOMETER SHIMPO DT-205L	Model Number	DT-205L
Company	ALLTITE, INC.	Serial Number	C08B0739
	1600 E. MURDOCK	Size	0.8-19,999/6-99.999RPM
	WICHITA, KS 67214-3477	Department	N/A
Calibrated By: BMK	Gage Calibrated at Precision Metrology	Cal Date	09/18/2015
			/ /



Proc: PMC0294

This is to certify that the above instrument was calibrated by Precision Metrology using standards traceable to the National Institute of Standards & Technology (NIST). The results indicated on this certificate relate only to the item(s) calibrated. Precision Metrology is accredited to ISO/IEC 17025:2005 through A2LA which satisfies all requirements of ISO 9001:2008 & ANSI/NCSL Z540-1:1994. Unless otherwise stated, all of the parameters calibrated on this certificate are within Precision Metrology's scope of accreditation. The expanded measurement uncertainty is reported at k=2, 95% confidence level. This certificate and attachments may not be reproduced, except in full, without the written approval of Precision Metrology.

CALIBRATION STD(s)	DESCRIPTION	Cal Due Date	Test Report#
NONE USED			

TOLERANCE

PHOTO: +/- 1 RPM, 6-8300 RPM
+/- 2 RPM, 8300-25000 RPM
+/- .006% OF READING +/- 1LSD, 25000-99999 RPM, (+/- 7 RPMS MAX)

CONTACT: +/- .6 RPM, 0.8-9,999.9 RPMS
+/- .006% OF READING +/- 1LSD (+/- 2 RPMS MAX), 10000-25000 RPM

CALIBRATION CAN ONLY BE PERFORMED UP TO 20000 RPMS FOR CONTACT RANGE

AN ACCREDITED CALIBRATION IS NOT AVAILABLE FOR THE RANGE OF

15,000-20,000 RPMS FOR THE CONTACT MODE

CONDITION

ITEM SCRAPPED

UNABLE TO TAKE READINGS

REASON: NOT COST EFFECTIVE FOR REPAIR

MEASUREMENT UNCERTAINTY

The expanded measurement uncertainties are included in the automated attached performance verification excel report for Shimpo DT-205L using standard Fluke 5520A.

Unless otherwise stated, measurements have been compared to the unmodified tolerances.