Email Print Return /iew Spreadsheet

CERTIFICATE OF CALIBRATION



ELECTROMATIC EQUIP CO INC 600 OAKLAND AVE CEDARHURST, NY 1151, 800/645-4330,

1002204875

Certification Number

Gage ID

TACHOMETER CALIBRATOR COMPACT Type

INS MT2013

CMPT Manufacturer

MT2013 Model Number SAMPLE Serial Number

CHECKLINE Company Size

Address 600 OAKLAND AVE

Department N/A

CEDARHURST, NY 11516 Cal Date

10/17/2018 10/17/2019 Next Cal Due

3-100000RPM

Calibrated By Ken Degroot Temperature 72°F [ED1417] Calibrated At Gage Calibrated at Precision Metrology Humidity 23% RH

> Standard Used FD1417 MP.COM.013 Procedure

Authorized By

This is to certify that the above instrument was calibrated by Trescal, Inc. using standards traceable to the National Institute of Standards & Technology (NIST). The results indicated on this certificate relate only to the item(s) calibrated. Trescal is accredited to ISO/IEC 17025:2005 which satisfies all requirements of ISO 9001:2015 & ANSI/NCSL Z540. 1-1994. The expanded measurement uncertainty is reported as k=2, 95% confidence level. A simple decision rule is utilized unless otherwise specified. This certificate & attachment(s) may not be reproduced, except in fill, without the written approval of Trescal, Inc. Trescal, Inc. utilizes a simple decision rule unless otherwise specified, uncertainties are not included in Pass/Fail determination.

STANDARDS									
ID Number	Description	Due Date Test Report #							
ED1257	COUNTER UNIVERSAL AGILENT 53220A	02/28/2019 1002088773							
FD1392	WAVEFORM GENERATOR AGILENT 33522B	11/30/2019 1002149771							

View Spreadsheet

TOLERANCE

PER MANUFACTURER'S SPECIFICATIONS, ±(0.01%RDG+1LSD)

SEE ATTACHED SPREADSHEET FOR READINGS

CONDITION

RECEIVED WITHIN MANUFACTURER'S SPECIFICATIONS RETURNED WITHIN MANUFACTURER'S SPECIFICATIONS

MEASUREMENT UNCERTAINTY

The expanded measurement uncertainties are located in the attached report

Dimensional values are referenced to 68°F.

CustNo = ELE373 Control # = 1002204875 Issued = 9/17/2019

Trescal"s responsibility shall in no event, nor for any cause whatsoever exceed the purchase price of this certification. Calibrations performed outside required environmental conditions were reviewed prior to completion to conclude that conditions will not impact calibration

Checkline	
Company	
Compact Instruments MT2013 Tachometer Calibrator	
Make/Model	
SAMPLE	1002204875
Gauge ID#	Attached to Certificate

		Nominal	As Found	As Left	Minimum	Maximum	Found/Left Test Result	UNC
Tachometer EXT								
90000 RPM	1500 Hz	90000	89999	89999	89990	90010	Pass/Pass	5.8E-01
60000 RPM	1000 Hz	60000	59999	59999	59993	60007	Pass/Pass	5.8E-01
30000 RPM	500 Hz	30000	29999	29999	29996	30004	Pass/Pass	5.8E-01
12000 RPM	200 Hz	12000	11999	11999	11997.8	12002.2	Pass/Pass	5.8E-01
6000 RPM	100 Hz	6000	5999.9	5999.9	5999.3	6000.7	Pass/Pass	5.8E-02
600 RPM	10 Hz	600	599.99	599.99	599.93	600.07	Pass/Pass	5.8E-03
120 RPM	2 Hz	120	119.99	119.99	119.978	120.022	Pass/Pass	5.8E-03
12 RPM	0.2 Hz	12	11.999	11.999	11.9978	12.0022	Pass/Pass	5.8E-04
Tachometer INT		_						
100k Range		DRO RPM						
60000 RPM		60001	60001.64	60001.64	59993.9999	60008.0001	Pass/Pass	1.9E-02
10k Range								
6000 RPM		6000.2	6000.234	6000.234	5999.49998	6000.90002	Pass/Pass	1.9E-03
<u>1k Range</u>								
600 RPM		600.02	600.0283	600.0283	599.949998	600.090002	Pass/Pass	1.9E-04
<u>100 R</u>	ange							
60 RPM		60.003	60.00353	60.00353	59.9959997	60.0100003	Pass/Pass	1.9E-05