

101 N. Alloy Drive
Fenton , MI 48430



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Page 1

Cert.# 061726-000

Certificate of Calibration

Calibration Performed By:

LMI CORPORATION
101 N. ALLOY DR.
FENTON, MI 48430

For:

LMI CORPORATION
101 N. ALLOY DRIVE
FENTON MI 48430

Gage S/N 27730313 P
Description LINEAR ENCODER
Manufacturer HEIDENHAIN
Gage Type LINEAR INDICATOR
Unit of Meas. METRIC
Temperature 68 F
Humidity 46 %

Gage ID LMI CORPORATION - 27730313 P
Model No. ST 3078
Tol. + 0.001
Tol. - 0.001
Calibrated By ALAN BAGGETT
As Found Condition In
Calibration Results Passed
Cal. Date 6/17/2026

No Cal. Due Date is reported by LMI. This decision is left to customer to best fit their QMS based on freq. of usage

Test Point Item	Nominal	Tol. +	Tol. -	Before	Deviation	After	Deviation 2	Units
01 - 1.000mm	1.0000	1.0010	0.9990	1.0000	0.0000	1.0000	0.0000	MM
02 - 2.000mm	2.0000	2.0010	1.9990	2.0010	0.0010	2.0010	0.0010	MM
03 - 5.000mm	5.0000	5.0010	4.9990	5.0000	0.0000	5.0000	0.0000	MM
04 - 10.000mm	10.0000	10.0010	9.9990	9.9990	-0.0010	9.9990	-0.0010	MM
05 - 15.000mm	15.0000	15.0010	14.9990	15.0010	0.0010	15.0010	0.0010	MM
06 - 20.000mm	20.0000	20.0010	19.9990	20.0010	0.0010	20.0010	0.0010	MM
07 - 25.000mm	25.0000	25.0010	24.9990	25.0000	0.0000	25.0000	0.0000	MM

Findings

Ref Standard	Gage S/N	Standard Due Date	Uncert	NIST No
LMI CORPORATION - Z1T010	Z1T010	8/23/2027	2.9E-05	821/253315

It is hereby certified that the above described instrument conforms to the original manufacturer's specifications and has been calibrated using standards whose accuracies are traceable to the NIST within the limitations of the Institute Calibration Services or have been derived from accepted values of natural physical constants or have been derived by the ratio type of self calibration techniques. Our calibration system satisfies ISO-9001 and IATF 16949 requirements. The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%. Measurement Uncertainty is 5.0E-05 An LMI Lab Scope is available upon request.