

Calibration Certificate

Certificate #: US011-DET-CI-25341390	Client ID: LMI210/212/214	Customer: LMI Corporation
Ref Procedure: TM-0619 FEB09	Brand: LMI	Contact: Al Baggett
Date: 08/28/2025	Model #: 6pc-MBPS	Address: 101 N ALLOY DR
Interval: 12 Months	Serial #: LMI210/212/214	FENTON, MI 48430-1784
Due Date: 08/28/2026	Range: N/A	Location: N/A
Technician: Brian Lemon	Description: HEIght Standard Pin Set	Room: N/A
Client Ref: N/A		

Environmental Conditions	
Ambient Temperature: 20.15 ° C	Ambient Humidity: 37.2 % RH
Barometric Pressure: 1013 millibars	Standard Barometric Reference for Density Conversions

As Received
Operational ☒

As Returned
Operational ☒

Action Taken
Charted ☒

Comments

Standards Used					
Description	Brand	Model #	Serial #	Due Date	NIST Traceability #
Universal Linear Measurement Machine	ZEISS	Opal ULM 600	99108	07/01/2026	00006460
1-24" MASTER MICROMETER STANDARDS	MANUFACTURER	MIXED	MSYELLOW	04/08/2027	00006443

Authorized Signature

The calibration was performed in the laboratory at the Trescal address above.
This report applies only to the item(s) identified above and shall not be reproduced, except in full, without the written approval of Trescal. This certificate is a portion of the complete report. If applicable refer to Certificate Appendix for a list of components of this report. This unit has been calibrated utilizing standards with a Test Uncertainty Ratio (TUR) of greater than 4:1 approximating a 95 % confidence level with a coverage factor of k=2 unless otherwise stated above or as stated on the Report of Calibration. In statements of conformity, Trescal, Inc. utilizes Simple Acceptance as described in ILAC-G8:2019, considering a Test Uncertainty Ratio greater than or equal to 1:1; unless otherwise specified by the customer. The calibration was performed using references traceable to the SI through NIST or other recognized national laboratory, accepted fundamental or natural physical constants, ratio type of calibration, or by comparison to consensus standards. Trescal's calibration program is in compliance with: ISO/IEC 17025:2017, ANSI/NCSL Z540-1:1994, ANSI/NCSL Z540.3:2006, MIL STD 45662A, QM-0001, Rev. 1 December 2022.

Trescal warrants all material and labor performed for ninety (90) days unless covered under a separate policy.
* Any number of factors may cause the calibrated item to drift out of tolerance before the interval has expired.
The recording of false, fictional or fraudulent statements or entries on this document may be punishable as a felony under Federal Statutes.





REPORT OF CALIBRATION

Report Number: 25341390

Manufacturer: LMI
Model: 6pc-MBPS
Description: HEIght Standard Pin Set
Serial Number: LMI210/212/214

Account Number: LMI Corporation
Technician: Brian Lemon
Cal. Date: 8/28/2025
ID: LMI210/212/214

Test uncertainty ratios (TUR) are calculated as $>4:1$ unless otherwise indicated.

* Measurement uncertainty estimated using a coverage factor ($k=2$) approximating a 95% confidence level. This value includes the reported or unit under test's resolution.

Parameter	ID	Unit	Calib. Tol.	Nominal	As Found	As Left	U*
Length	LMI 057	in	Charted	1.098334	1.096913	1.096913	0.000014
	LMI 056	in	Charted	4.499378	1.492710	1.492710	0.000027
	LMI 058	in	Charted	1.997422	1.994723	1.994723	0.000017
	LMI 061	in	Charted	2.599251	2.582434	2.582434	0.00002
	LMI 060	in	Charted	3.447943	3.447687	3.447687	0.000023
	LMI 062	in	Charted	4.331312	4.331249	4.331249	0.000026

Certificate Appendix

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# Pages	Description
1	Calibration Certificate
1	Certificate Datasheet
1	Certificate Appendix