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Linear Measurement Instruments, Corp.

Research, Development and Manufacturing of Precision Measuring Systems

Cert.# 071422-003

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	F-44	**Gage ID**	LMI CORPORATION - F-44
Description	Flush Master Block Set for 241-BWV2	**Model No.**	F-44
Manufacturer	LMI CORPORATION	**Tol. +**	.005
Gage Type	FLUSH MASTER BLOCK	**Tol. -**	.005
Unit of Meas.	METRIC	**Calibrated By**	ALAN BAGGETT
Temperature	72 F	**As Found Condition**	In
Humidity	46 %	**Calibration Results**	Passed
		Cal. Date	7/14/2022

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 - SK 3299 Flush -1.00mm Side	-1.0000	-0.9950	-1.0050	-1.0010	-0.0010	-1.0010	-0.0010	Metric
02 - SK 3299 Flush +1.00mm Side	1.0000	1.0050	0.9950	0.9950	-0.0050	0.9950	-0.0050	Metric
03 - SK 3300 Flush 0.00mm G4 Side	0.0000	0.0050	-0.0050	-0.0050	-0.0050	-0.0050	-0.0050	Metric
04 - SK 3300 Flush 0.00mm G5 Side	0.0000	0.0050	-0.0050	-0.0050	-0.0050	-0.0050	-0.0050	Metric
05 - SK 3301 Flush -2.00mm Side	-2.0000	-1.9950	-2.0050	-2.0000	0.0000	-2.0000	0.0000	Metric
06 - SK 3301 Flush +2.00mm Side	2.0000	2.0050	1.9950	1.9980	-0.0020	1.9980	-0.0020	Metric
07 - SK 3302 Flush -3.00mm Side	-3.0000	-2.9950	-3.0050	-3.0040	-0.0040	-3.0040	-0.0040	Metric
08 - SK 3302 Flush +3.00mm Side	3.0000	3.0050	2.9950	3.0010	0.0010	3.0012	0.0012	Metric

Findings

Ref Standard	Gage S/N	Standard Due Date	Uncert	NIST No

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 Uncertanity is 5.0E-05 An LMI Lab Scope is available upon request.