



Research, Development and Manufacturing of Precision Measuring Systems

## 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** 80388.8  
**Description** GAGE BLOCK SET  
**Manufacturer** STARRETT  
**Gage Type** GAGE BLOCK SET  
**Unit of Meas.** INCH  
**Temperature** 72 F  
**Humidity** 50 %

**Gage ID** LMI CORPORATION - 80388.8  
**Model No.** RS36A1  
**Tol. +** 0.0001  
**Tol. -** 0.0001  
**Calibrated By** ALAN BAGGETT  
**As Found Condition** In  
**Calibration Results** Passed  
**Cal. Date** 9/15/2023

**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 - 0.1001" Block	0.10010	0.10020	0.10000	0.10012	0.00002	0.10012	0.00002	INCH
02 - 0.1002" Block	0.10020	0.10030	0.10010	0.10022	0.00002	0.10022	0.00002	INCH
03 - 0.1003" Block	0.10030	0.10040	0.10020	0.10033	0.00003	0.10033	0.00003	INCH
04 - 0.1004" Block	0.10040	0.10050	0.10030	0.10042	0.00002	0.10042	0.00002	INCH
05 - 0.1005" Block	0.10050	0.10060	0.10040	0.10050	0.00000	0.10050	0.00000	INCH
06 - 0.1006" Block	0.10060	0.10070	0.10050	0.10060	0.00000	0.10060	0.00000	INCH
07 - 0.1007" Block	0.10070	0.10080	0.10060	0.10074	0.00004	0.10074	0.00004	INCH
08 - 0.1008" Block	0.10080	0.10090	0.10070	0.10082	0.00002	0.10082	0.00002	INCH
09 - 0.1009" Block	0.10090	0.10100	0.10080	0.10092	0.00002	0.10092	0.00002	INCH
10 - 0.1010" Block	0.10100	0.10110	0.10090	0.10110	0.00010	0.10110	0.00010	INCH
11 - 0.1020" Block	0.10200	0.10210	0.10190	0.10208	0.00008	0.10208	0.00008	INCH
12 - 0.1030" Block	0.10300	0.10310	0.10290	0.10304	0.00004	0.10304	0.00004	INCH
13 - 0.1040" Block	0.10400	0.10410	0.10390	0.10404	0.00004	0.10404	0.00004	INCH
14 - 0.1050" Block	0.10500	0.10510	0.10490	0.10508	0.00008	0.10508	0.00008	INCH
15 - 0.1060" Block	0.10600	0.10610	0.10590	0.10608	0.00008	0.10608	0.00008	INCH

16 - 0.1070" Block	0.10700	0.10710	0.10690	0.10708	0.00008	0.10708	0.00008	INCH
17 - 0.1080" Block	0.10800	0.10810	0.10790	0.10806	0.00006	0.10806	0.00006	INCH
18 - 0.1090" Block	0.10900	0.10910	0.10890	0.10908	0.00008	0.10908	0.00008	INCH
19 - 0.1100" Block	0.11000	0.11010	0.10990	0.11008	0.00008	0.11008	0.00008	INCH
20 - 0.1200" Block	0.12000	0.12010	0.11990	0.12002	0.00002	0.12002	0.00002	INCH
21 - 0.1300" Block	0.13000	0.13010	0.12990	0.13004	0.00004	0.13004	0.00004	INCH
22 - 0.1400" Block	0.14000	0.14010	0.13990	0.14002	0.00002	0.14002	0.00002	INCH
23 - 0.1500" Block	0.15000	0.15010	0.14990	0.15010	0.00010	0.15010	0.00010	INCH
24 - 0.1600" Block	0.16000	0.16010	0.15990	0.16006	0.00006	0.16006	0.00006	INCH
25 - 0.1700" Block	0.17000	0.17010	0.16990	0.17004	0.00004	0.17004	0.00004	INCH
26 - 0.1800" Block	0.18000	0.18010	0.17990	0.18004	0.00004	0.18004	0.00004	INCH
27 - 0.1900" Block	0.19000	0.19010	0.18990	0.18998	-0.00002	0.18998	-0.00002	INCH
28 - 0.1000" Block	0.10000	0.10010	0.09990	0.10008	0.00008	0.10008	0.00008	INCH
29 - 0.2000" Block	0.20000	0.20010	0.19990	0.20006	0.00006	0.20006	0.00006	INCH
30 - 0.3000" Block	0.30000	0.30010	0.29990	0.30008	0.00008	0.30008	0.00008	INCH
31 - 0.5000" Block	0.50000	0.50010	0.49990	0.50010	0.00010	0.50010	0.00010	INCH
32 - 1.0000" Block	1.00000	1.00010	0.99990	1.00010	0.00010	1.00010	0.00010	INCH
33 - 2.0000" Block	2.00000	2.00010	1.99990	2.00008	0.00008	2.00008	0.00008	INCH
34 - 4.0000" Block	4.00000	4.00010	3.99990	4.00004	0.00004	4.00004	0.00004	INCH

**Findings**

Ref Standard	Gage S/N	Standard Due Date	Uncert	NIST No
LMI CORPORATION - 635 005	635 005 970	12/20/2024	3E-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.