

CMM CALIBRATION REPORT / CERTIFICATE

Identity of calibration vendor
has been withheld.

Registered to ISO 9001-2000
Accredited to ISO 17025

REPORT # 4360	DATE 8/11/05	MFR SUGGESTED DUE DATE 8/11/06
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CUSTOMER	Advanced Measurement Labs 8960 Glenoaks Blvd Sun Valley, CA 91352	CMM/CONDITION	Mitutoyo B-241/Fair
		SERIAL #	8407288
		CODE #	806M-7
		DRO TYPE	MAG-1
CONTACT	Bipin	COMPUTER TYPE	IBM Gpk-2000
PHONE #	(818) 767-1111	TOUCH PROBE	PH1/TP20

PARALLELISM OF XY PLANE TO TABLE .0002"	UNITS ARE IN .0001"
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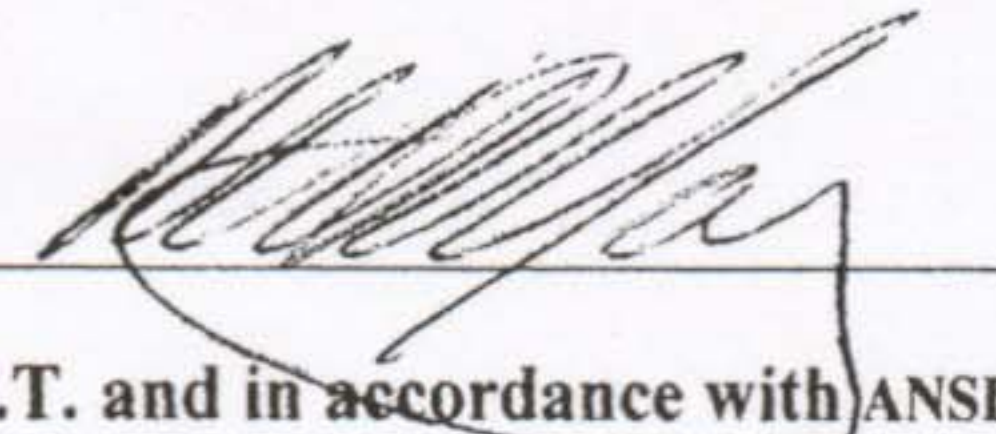
SQUARENESS	0"	4"	8"	12"	16"	20"	24"	28"	32"
XY BEFORE	0	0	0	-1	-1				
XY AFTER	0	0	0	-1	-1				
YZ BEFORE	0	3	5	5	5	4	0		
YZ AFTER	0	3	5	5	5	4	0		
ZX BEFORE	0	0	-1	-2	-1	-1	-1		
ZX AFTER	0	0	-1	-2	-1	-1	-1		

LINEAR ACCURACY	0"	4"	8"	12"	16"	20"	24"	28"	32"	36"	40"	44"	48"	52"	56"	60"
X BEFORE	0	-1	-2	-2	-1	-1	0									
X AFTER	0	-1	-2	-2	-1	-1	0									
Y BEFORE	0	0	-1	0	0	0	-1	-2	-1	-1	0					
Y AFTER	0	0	-1	0	0	0	-1	-2	-1	-1	0					
Z BEFORE	0	-1	-1	-1	-1	-2	-2									
Z AFTER	0	-1	-1	-1	-1	-2	-2									

REPEATABILITY	UNCERTAINTY (K=2)	TEMPERATURE	HUMIDITY
X .0002"	Linearity +/- .0004"	77 Degs	46%
Y .0002"	Squareness +/- .00057"		
Z .0002"	Parallelism +/- .0002"		

WERE ADJUSTMENTS NECESSARY	No
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STANDARDS USED	SERIAL #	TEST DATE	DUE DATE	N.I.S.T.#
24" CHKMASTER	024507	8/24/04	8/24/05	821/264885-01
24" SQUARE	98026	8/25/04	8/25/05	D.O.D. #21129

SERVICE PERFORMED BY  **MARK MARONEY**

Traceable to N.I.S.T. and in accordance with ANSI/NCSL Z540-1-1994 and ISO 10012