

Certificate of Calibration

THIS IS TO CERTIFY THAT UNITED TESTING SYSTEMS CANADA LTD., HAS CALIBRATED
THE FOLLOWING DESCRIBED EQUIPMENT IN ACCORDANCE WITH
ASTM-E2309/E2309M-XX AND UTS SOP-9194-Rev XX-XXXX.

CERTIFICATE NUMBER: CR#0004
CERTIFICATE ISSUED: June 5, 2019

CALIBRATION DATE: June 5, 2019
REQUESTED DUE DATE: June 5, 2020

CALIBRATION & CUSTOMER INFORMATION:

COMPANY:	ANY COMPANY
ADDRESS:	123 ANY STREET
CITY/PROVINCE:	ANY CITY, ANY PROVINCE
SYSTEM LOCATION:	Q. C. LAB
INSTRUMENT CALIBRATED:	CROSSHEAD
MANUFACTURER:	UNITED
MODEL:	HFM-300KN
SERIAL NUMBER:	XXXXXX
ASSET NUMBER:	AAAA
RECORDER USED FOR TEST:	ATTACHED COMPUTER S/N XXXXX
RESOLUTION OF RECORDER:	0.0001 in
DIRECTION:	TENSION
CALIBRATION RANGE:	5.0000 in
POSITION OF INSTRUMENT CALIBRATED:	VERTICAL
TEMPERATURE / HUMIDITY:	23.2°C 30%
RECORD OF READINGS:	ATTACHED
METHOD:	FOLLOW THE POSITION
SYSTEM CONDITION:	GOOD
READINGS AS FOUND:	IN TOLERANCE
READINGS AS LEFT:	IN TOLERANCE
CALIBRATION TECHNICIAN:	TECHNICIAN

THE FOLLOWING N.I.S.T. TRACEABLE STANDARDS WERE USED:

	LINEAR	ENVIRONMENT
	CALIBRATOR	RECORDER
STANDARD FILE:	LINEAR 5	TEMP-7
STANDARD S/N:	0002850-200	TH20122-285
MANUFACTURER:	MITUTOYO	LASCAR
MODEL:	550-225-10	EL-USB-2-LCD+
DATE DUE:	Month Day, Year	Month Day, Year
TRACEABILITY NO.:	2010199	AC15031314-2
CERTIFIED BY:	HOLTZ	ALPHA
EXPANDED UNCERTAINTY:	0.0011 in	0.35 °C / 1.6 %RH °C

UNCERTAINTY:

EXPANDED UNCERTAINTIES SHOWN ABOVE USE A COVERAGE FACTOR OF K=2 FOR A CONFIDENCE LEVEL OF 95%.

EXPANDED UNCERTAINTIES ARE VALID FOR A TEMPERATURE RANGE OF 23°C +/- 5°C.

CALIBRATED BY

AUTHORIZED SIGNATORY

United Testing Systems Canada Limited

21 - 225 Bradwick Drive, Concord, Ontario L4K 1K7
Tel.: (905) 669-5327 Fax: (905) 738-5051
E-mail: service@utscanada.com

ISO/IEC 17025

ANSI/NCSL Z540-1-1994; Part 1

Accredited by:



NVLAP Lab Code: 200311-0

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UNITED CALIBRATION GROUP

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Calibration Report

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 SERIAL NUMBER: XXXXX

CALIBRATION RESULTS:

OBSERVED DATA: NOTE THAT MULTIPLE RUNS ARE SHOWN SERIALLY. UNLESS OTHERWISE NOTED, THE DATA SHOWN IS 'AS FOUND / AS LEFT' WITH NO ADJUSTMENT MADE.

STANDARD DISP. (in)	MACHINE DISP. (in)	FIXED ERROR (in)					RELATIVE ERROR (%)					Un (k=2) %
		Error		Resolution	Repeatability		Error		Resolution	Repeatability		
		Value	Class		Value	Class	Value	Class		Value	Class	
FIRST RUN / TENSION												
0.5005	0.5006	0.0001	A	A	N/A	N/A	0.020	A	A	N/A	N/A	0.22
1.0015	1.0011	-0.0004	A	A	N/A	N/A	-0.040	A	A	N/A	N/A	0.11
2.0035	2.0030	-0.0005	A	A	N/A	N/A	-0.025	A	A	N/A	N/A	0.074
3.0015	3.0007	-0.0008	A	A	N/A	N/A	-0.027	A	A	N/A	N/A	0.037
4.0035	4.0025	-0.0010	A	A	N/A	N/A	-0.025	A	A	N/A	N/A	0.028
5.0080	5.0067	-0.0013	B	A	N/A	N/A	-0.026	A	A	N/A	N/A	0.030
SECOND RUN / TENSION												
0.5020	0.5022	0.0002	A	A	0.000	A	0.040	A	A	0.020	A	0.22
1.0080	1.0080	0.0000	A	A	0.000	A	0.000	A	A	0.040	A	0.11
2.0090	2.0097	0.0007	A	A	0.001	A	0.035	A	A	0.060	A	0.074
3.0090	3.0086	-0.0004	A	A	0.000	A	-0.013	A	A	0.013	A	0.037
4.0015	4.0005	-0.0010	B	A	0.000	A	-0.025	A	A	0.000	A	0.028
5.0010	5.0006	-0.0004	A	A	0.001	A	-0.008	A	A	0.018	A	0.030

OVERALL CLASSIFICATION: B

NOTES:

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Calibration Report

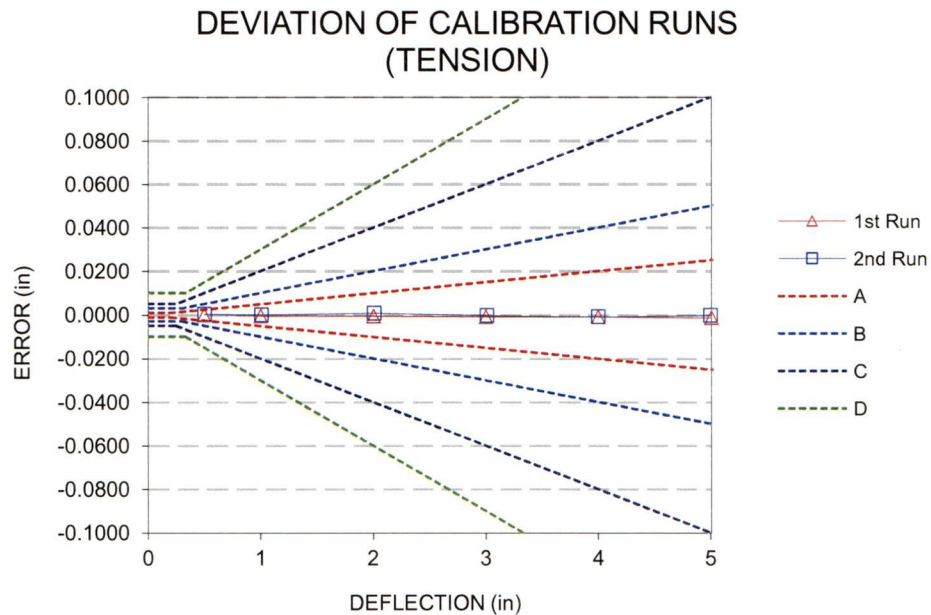
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CALIBRATION RESULTS:



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