



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

<p>United Testing Sys. Canada, Ltd. 225 Bradwick Drive, #21 Concord Ontario L4K 1K7 CANADA Mr. David Fleming Phone: 905-669-5327 Fax: 905-738-5051 E-mail: service@utscanada.com URL: http://www.utscanada.com</p>	<p>Fields of Calibration Dimensional Mechanical</p> <p>This laboratory is compliant to ANSI/NC SL Z540-1-1994; Part 1. (20/A01)</p>
---	--

CALIBRATION AND MEASUREMENT CAPABILITIES (CMC) ^{Notes 1,2}

Measured Parameter or Device Calibrated	Range	Expanded Uncertainty ^{Note 3, 5}	Remarks
DIMENSIONAL			
ANGULAR (20/D01)			
Rotary Encoder	+/- 360°	0.23°	VDI/VDE2648
LENGTH & DIAMETER; STEP GAGES (20/D05)			
Extensometer Linear Calibrator Field calibrations available ^{Note 4}	0 in to 1.0 in 0 mm to 25.4 mm	15 µin + 35L µin ^{Note 7} 0.37 µm + 0.035L µm ^{Note 8}	ASTM E83, ISO 9513
Extensometer Gage Length Field calibrations available ^{Note 4}	0.5 in 1.0 in 2.0 in	19 µm 39 µm 77 µm	ASTM 83, Gage Blocks ISO 9513
	0 in to 4 in 0 mm to 102 mm	0.001 in 25 µm	ASTM E83, Caliper ISO 9513
	0 in to 12 in 0 mm to 305 mm	0.0015 in 38 µm	ASTM E83, Caliper ISO 9513
Crosshead / Actuator Travel / Position Transducer Field calibrations available ^{Note 4}	0 in to 24 in 0 mm to 601 mm	0.002 in 51 µm	ASTM E2309, Caliper
	0 in to 2 in 0 mm to 50.8 mm 0 in to 12 in	0.00015 in 3.8 µm 0.0015 in	ASTM E2309, Micrometer Head ASTM E2309, Caliper

David S. Leman

2017-03-15 through 2018-03-31

