



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Exact Calibration, Inc.

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CALIBRATION

Valid to: January 26, 2018

Certificate Number: AC-1254

I. Dimensional

PARAMETER / EQUIPMENT	RANGE	CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Probe Performance ^{1,2} (CMM) High Accuracy (HA) Ultra High Accuracy (UHA)	(25 to 30) mm (25 to 30) mm	0.28 µm 0.18 µm	Precision Sphere	ISO 10360-2
Volumetric Accuracy ^{1,2} (CMM) High Accuracy (HA) Ultra High Accuracy (UHA)	(0 to 1 020) mm (0 to 1 020) mm	(0.1 + 0.46L) µm (0.1 + 0.30L) µm	Step Gage	ISO 10360-2
Volumetric Accuracy ^{1,2} (CMM) High Accuracy (HA) W/O Temp Comp	(0 to 1 020) mm	(0.1 + 0.55L) µm	Step Gage	ISO 10360-2
Linear Displacement Accuracy ^{1,2} (CMM) High Accuracy (HA) Ultra High Accuracy (UHA)	(0 to 1 020) mm (0 to 1 020) mm	(0.1 + 0.46L) µm (0.1 + 0.30L) µm	Step Gage	ISO 10360-2
Linear Displacement Accuracy ^{1,2} (CMM) High Accuracy (HA) W/O Temp Comp	(0 to 1 020) mm	(0.1 + 0.55L) µm	Step Gage	ISO 10360-2
Scan Performance ^{1,2} (CMM) High Accuracy (HA) Ultra High Accuracy (UHA)	(25 to 30) mm (25 to 30) mm	0.28 µm 0.18 µm	Precision Sphere	ISO 10360-4

