

Scope of Accreditation For Indicate Technologies Inc.

2065 Martin Ave #103
Santa Clara, CA 95050
John Hammond
408-486-6000

In recognition of a successful assessment to ISO/IEC 17025:2005 to the following Calibration and Measurement Capabilities, accreditation has been granted to **Indicate Technologies Inc.** for the following:

Accreditation granted through: **December 11, 2018**

Calibration

Length – Hand Tools and Precision Gages 2D

Calibration Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ³	Remarks
Optical Comparators, Contour Projectors, Measuring Microscopes ^{1,2}			
X or Y Length Z Length	Up to 24 in Up to 4 in	55 μin (44 + 13L) μin	Glass reticle / linescale / gage blocks Stair step gage / gage blocks
Squareness	Up to 12 in	37 μin	Glass reticle / linescale
Magnification	Up to 100x	49 μin	Glass reticle / linescale
Chart Rotation	Up to 50 in Screen	71 μin	Glass reticle

Length – Hand Tools and Precision Gages 3D

Calibration Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ³	Remarks
Video Measurement Systems ^{1,2}			
XY Length	Up to 34 in	50 μin	glass reticle/ linescale
Z Length	Up to 10 in	(7 + 5L) μin	Stair step gage/gage blocks
Squareness	Up to 20 in	26 μin	Glass reticle

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and remarks. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) The CMC for the associated Parameters is highly dependent upon the repeatability of the unit under test. The CMC presented here does not include the repeatability of the unit under test. The repeatability will be included in the reported measurement uncertainty at the time of calibration.
- 3) *L* = length in inches.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

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