

# Scope of Accreditation For Garcia Engineering Solutions

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Garcia Engineering Solutions** to perform Dimensional Inspection in the following parameters:

Accreditation granted through: **November 21, 2011**

## Dimensional Inspection

### Length - Dimensional Inspection – Dimensional Measurement 1D

Inspection Parameter	Range	Calibration and Measurement Capability (+/-) <sup>1,2</sup>	Remarks
Dimensional Measurement 1D	(0 to 1) in	90 µin	Micrometers
	(0 to 8) in	(1494 + 5.2L) µin	Calipers
	(0 to 1) in	1262 µin	Dial Indicators

### Length - Dimensional Inspection – Dimensional Measurement 2D

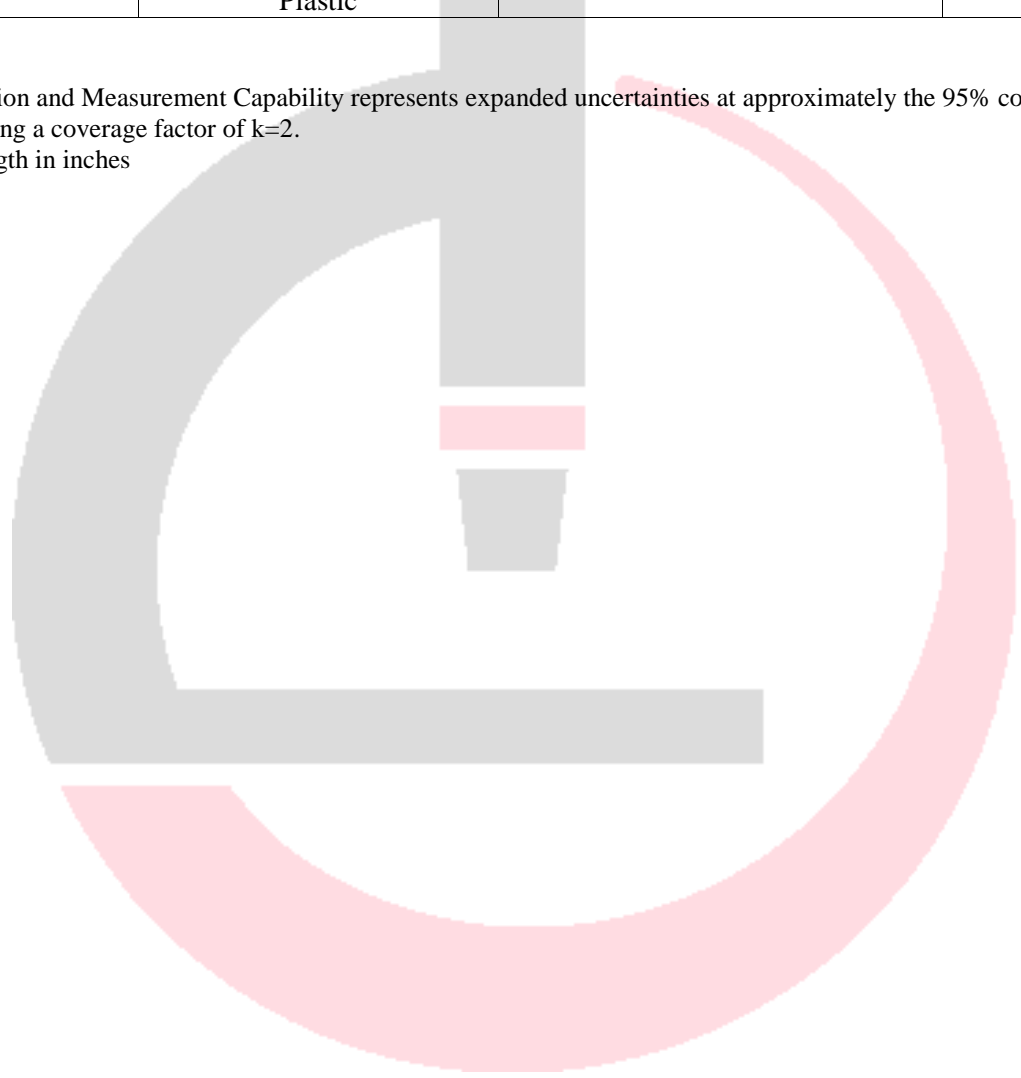
Inspection Parameter	Range	Calibration and Measurement Capability (+/-) <sup>1,2</sup>	Remarks
Dimensional Measurement 2D	Up to (12 x 8) in Steel	(294 + 9.6L) µin	Visio Vision System
	Up to (12 x 8) in Plastic	(294 + 55.6L) µin	
	Up to (20 x 18) in Steel	(168 + 16L) µin	Flash 500 Vision System
	Up to (20 x 18) in Plastic	(168 + 124L) µin	


**Length - Dimensional Inspection – Dimensional Measurement 3D**

Inspection Parameter	Range	Calibration and Measurement Capability (+/-) <sup>1,2</sup>	Remarks
Dimensional Measurement 3D	Up to (20 x 18 x 8) in Steel	(183 + 18L) μin	Flash 500 Vision System
	Up to (20 x 18 x 8) in Plastic	(182 + 124L) μin	

Notes:

- 1) Calibration and Measurement Capability represents expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.
- 2) *L* = Length in inches



Approved by:   
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 Chief Technical Officer

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