



Certificate of Calibration

Report number: **69250 -1**

Manufacturer	Part Number	Serial Number	Allowable Tolerance	Calibration Date	Expiration Date
Chicago Stainless Equipment, Inc.	2A-E-2U-GF-BT-CG	17032134	±1.5% of Full Scale	3/21/2017	3/21/2018

All instrument calibrations are verified for accuracy before they are shipped. The recommended calibration interval for these instruments is 12 months from the date of verification. Your particular quality assurance requirements may supersede this recommendation.

Test Results: In Tolerance

Definitions:	Temperature	Measured temperature of test during data collection.
	Reference Reading	True value according to our reference standards.
	Indicated Reading	Displayed reading from test unit.
	Condition	In Tolerance or Out of Tolerance
	Difference	Indicated reading minus reference reading.
	Relative Difference	(Difference / reference reading) x 100
	Allowable Tolerance	± according to manufacturer's specifications.
	Test Accuracy Ratio	At least 3:1 unless otherwise stated.

Laboratory ambient conditions throughout this calibration were:

Temperature: 73° to 80° F

This certification was made by direct comparison to master gauges which are periodically referred to one or more of the primary standards traceable to National Institute of Standards & Technology or other national physical measures recognized by NIST. Reference Standards used in this calibration are traceable to the National Institute of Standards and Technology of the United States, through the following report numbers:

Manufacturer	MODEL	Serial Number	Report Number	Due Date	Allowable Tolerance
Mensor	CPC 6000	834529-1	118879	11/15/2017	±0.01% IS-50
Mensor	CPC 6000	834528-1	118756	11/15/2017	±0.01% IS-50
Crystal Engineering	5KPSIXP2i	867461	CSE009:112,098	7/28/2017	±0.1% Rdg

This certificate shall not be reproduced except in full, without written approval.

Laboratory Representative

Quality Representative