



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Ashcroft, Inc.
250 East Main Street
Stratford, CT 06614

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 30 November 2025
Certificate Number: AC-2529



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Ashcroft, Inc.
 250 East Main Street
 Stratford, CT 06614-5145
 Todd Zeigher 203-385-0317
 Todd.zeigher@ashcroft.com

CALIBRATION

Valid to: **November 30, 2025**

Certificate Number: **AC-2529**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Generate DC Voltage	Up to 30 V	1.7 μ V/V + 17 μ V	Krohn Hite Model 523 DC Source Calibrator
Generate DC Current	(4 to 20) mA	83 μ A/A + 0.085 μ A	Krohn Hite Model 523 DC Source Calibrator
Measure DC Voltage	Up to 11 V	190 μ V/V + 54 μ V	Keysight 34401A DMM
Measure DC Current	Up to 20 mA	172 μ A/A + 0.283 μ A	Keysight 34401A DMM
Measure DC Voltage	Up to 11 V	150.3 μ V/V + 70.2 μ V	Keysight 34970A DMM
Measure DC Current	Up to 20 mA	160 μ A/A + 6.213 μ A	Keysight 34970A DMM

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pressure/Vacuum Devices	Up to 2.164 psig	0.002 9 % of reading + 0.000 003 3 psi	Fluke- FPG8601 Piston Gage
	(2.164 to 7.213) psig	0.009 5 % of reading + 0.000 33 psi	Fluke - DHI PPC3-200K Pressure Controller, Model PPC3-200K G200Ks/A160Ks Pressure Controller
Pressure/Vacuum/Absolute Devices	(-15 to 0.2) psig (0.2 to 15) psig (0.2 to 15) psia	0.002 % of reading + 0.000 081 psi 0.002 2 % of reading + 0.000 024 psi 0.002 2 % of reading + 0.000 024 psi	Fluke - Ruska 2465-705 Deadweight Tester

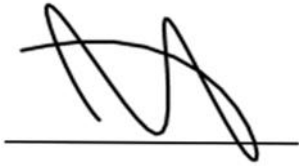
Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pressure/Vacuum/Absolute Devices	(15 to 600) psig	0.001 7 % of reading	Fluke - Ruska 2465-706 Deadweight Tester
	(5 to 600) psia	0.001 7 % of reading	
	(600 to 12 000) psig	0.008 7 % of reading + 0.033 psi	Fluke – Ruska 2451 Pressure Controller
	(600 to 12 000) psia	0.008 7 % of reading + 0.033 psi	

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. 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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2529.



Jason Stine, Vice President

