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.

Jason Stine, Vice President

Expiry Date: 30 November 2027
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.zeigler@ashcroft.com

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **26 November 2025**

Certificate Number: **AC-2529** Certificate Expiry Date: **30 November 2027**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Generate DC Voltage	Up to 30 V	26 µV/V + 3.04 µV	Comparison to Krohn Hite Model 523 DC Source Calibrator
Generate DC Current	(4 to 20) mA	97 µA/A + 0.115 µA	Comparison to Krohn Hite Model 523 DC Source Calibrator
Measure DC Voltage	Up to 11 V	544 µV/V + 77 µV	Comparison to Keysight 34401A DMM
Measure DC Current	Up to 20 mA	161µA/A + 0.505 µA	Comparison to Keysight 34401A DMM
Measure DC Voltage	Up to 11 V	176.1 µV/V + 323 µV	Comparison to Keysight 34970A DMM
Measure DC Current	Up to 20 mA	172 µA/A + 8.383 µA	Comparison to 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 rdg + 0.000 003 3 psi	Comparison to Fluke- FPG8601 Piston Gage
	(2.164 to 7.213) psig	0.009 5 % of rdg + 0.000 33 psi	Comparison to Fluke - DHI PPC3-200K Pressure Controller, Model PPC3-200K G200Ks/A160Ks
Pressure/Vacuum/Absolute Devices	(-15 to 0.2) psig (0.2 to 15) psig (0.2 to 15) psia	0.002 % of rdg + 0.000 081 psi 0.002 2 % of rdg + 0.000 024 psi 0.002 2 % of rdg + 0.000 024 psi	Comparison to Fluke - Ruska 2465-705 Deadweight Tester
Pressure/Vacuum/Absolute Devices	(15 to 600) psig (5 to 600) psia	0.001 7 % of rdg 0.001 7 % of rdg	Comparison to Fluke - Ruska 2465-706 Deadweight Tester
	(600 to 12 000) psig (600 to 12 000) psia	0.009 0 % of rdg + 0.027 psi 0.009 0 % of rdg + 0.027 psi	Comparison to Fluke – Ruska 2451 Pressure Controller

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. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.

Jason Stine, Vice President

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