

# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

Apex Instruments, Inc. 7200 E. Dry Creek Rd., STE C-102 Centennial, CO 80112

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 <a href="https://www.anab.org">www.anab.org</a>.

Jason Stine, Vice President

Expiry Date: 25 February 2026 Certificate Number: AC-2853





### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

### Apex Instruments, Inc.

7200 E. Dry Creek Rd., STE C-102 Centennial, CO 80112 Brad Golackson 303-804-0667 cal.lab@apex-instruments.com

#### **CALIBRATION**

Valid to: February 25, 2026 Certificate Number: AC-2853

#### **Mass and Mass Related**

Version 003 Issued: February 21, 2024

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Absolute Pressure Measuring Equipment	(0.9 to 4.5) psia (4.5 to 15) psia	0.001 7 psi 0.004 8% of reading + 0.001 5 psi	Fluke 6270 Pressure Controller w/ PM600- A100K Pressure Module
Absolute Pressure Measuring Equipment	(2.6 to 30) psia (30 to 100) psia	0.003 1 psi 0.008 9% of reading + 0.000 63 psi	Fluke 6270 Pressure Controller w/ PM600- A700K Pressure Module
Absolute Pressure Measuring Equipment	(10 to 90) psia (90 to 300) psia	0.008 2 psi 0.009 1% of reading + 0.000 87 psi	Fluke 6270 Pressure Controller w/ PM600-A2M Pressure Module
Absolute Pressure Measuring Equipment	(14.7 to 300) psia (300 to 1 000) psia	0.028 psi 0.009 1% of reading + 0.002 8 psi	Fluke 6270 Pressure Controller w/ PM600-A7M Pressure Module
Absolute Pressure Measuring Equipment	(14.7 to 900) psia (900 to 3 000) psia	0.084 psi 0.009 4% of reading + 0.017 psi	Fluke 6270 Pressure Controller w/ PM600- A20M Pressure Module
Gauge Pressure Measuring Equipment	(-13.8 to -10.2) psig (-10.2 to 0.3) psig	0.002 1 psi 0.004 1% of reading +0.002 5 psi	Fluke 6270 Pressure Controller w/ PM600- A100K Pressure Module
Gauge Pressure Measuring Equipment	(-2.2 to 2.2) psig	0.01 % of reading + 0.000 45 psi	Fluke 6270 Pressure Controller w/ PM600- BG15K Pressure Module
Gauge Pressure Measuring Equipment	(0.45 to 4.5) psig (4.5 to 15) psig	0.000 40 psi 0.009 5% of reading - 0.000 038 psi	Fluke 6270 Pressure Controller w/ PM600- G100K Pressure Module





#### **Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Gauge Pressure Measuring Equipment	(0.9 to 9) psig (9 to 30) psig	0.001 0 psi 0.009 2% of reading + 0.000 24 psi	Fluke 6270 Pressure Controller w/ PM600- G200K Pressure Module
Gauge Pressure Measuring Equipment	(-12.1 to 30) psig (30 to 100) psig	0.003 3 psi 0.008 8% of reading + 0.002 1 psi	Fluke 6270 Pressure Controller w/ PM600- A700K Pressure Module
Gauge Pressure Measuring Equipment	(-4.7 to 90) psig (90 to 300) psig	0.008 2 psi 0.009 1% of reading + 0.002 3 psi	Fluke 6270 Pressure Controller w/ PM600-A2M Pressure Module
Gauge Pressure Measuring Equipment	Up to 300 psig (300 to 1 000) psig	0.028 psi 0.009 1% of reading + 0.004 2 psi	Fluke 6270 Pressure Controller w/ PM600-A7M Pressure Module
Gauge Pressure Measuring Equipment	Up to 90 <mark>0 psig</mark> (900 to 3 000) psig	0.084 psi 0.009 4% of reading + 0.018 psi	Fluke 6270 Pressure Controller w/ PM600- A20M Pressure Module
Gauge Pressure Measuring Equipment	(150 to 1500) psig (1500 to 15000) psig	0.001 7 % of reading + 0.12 psi 0.004 1 % of reading + 0.71 psi	Fluke RPM4 Reference Pressure Monitor, E-DWT Deadweight Tester

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%.

## 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

2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2853.

Jason Stine, Vice President

Version 003 Issued: February 21, 2024

Notes:

