

CERTIFICATE of CALIBRATION

Issued By: AML Instruments Limited

Issue Date: 17 December 2020

Certificate Number: **AL441825760**



AML Instruments Limited
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Approved Signatory:
Alex Leeson

Customer: Demo Certificate

Location: AML Lab

Job Card Number: -

Calibration Date: 17 December 2020 **Frequency:** 12 **Months**
Re Calibration: Dec 2021

Description: Pressure - Vacuum Gauge

Manufacturer: AML

Serial Number: 315820-2 **Customer Ref:**

Temperature °C 20.2 **Calibrated By:** A.Leeson

Status of Calibration: **Pass**

Comments:

None

Traceability Information:

Serial Number:	Instrument:	Certificate Number:
800a	Digital Pressure Indicator	7000155
1480a	Humidity & Temperature Meter	6003334

This certificate is issued in accordance with the laboratory quality management system. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised National Metrology Institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory. The results in this certificate relate only to the instrument calibrated (as per the instrument information)

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Description: Pressure - Vacuum Gauge

Method Of Test:

The Instrument was subject to a calibration of its span up to the maximum pressure by comparison with laboratory standards that are traceable to National Standards in accordance with the requirements of BS EN 837-1 and the AML calibration procedure.

Gauge Type:	Vacuum
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Range:	0	to	-30.00	inHg
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Initial Readings

Applied Pressure / Vacuum	Rising	Falling	Error Rising	Error Falling
inHg	inHg	inHg	inHg	inHg
0.000	0.00	0.00	0.00	0.00
-5.000	-5.00	-5.00	0.00	0.00
-10.000	-10.00	-10.00	0.00	0.00
-15.000	-15.00	-15.00	0.00	0.00
-20.000	-20.00	-20.00	0.00	0.00
-25.000	-25.00	-25.00	0.00	0.00
			0.00	0.00

Final Reading After Adjustment (if applicable)

Applied Pressure / Vacuum	Rising	Falling	Error Rising	Error Falling
inHg	inHg	inHg	inHg	inHg
0.000	0.00	0.00	0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00

Maximum Permissible Error ± 1.6 % of Maximum Gauge Reading = -0.4800

*** End Of Report ***

Measurement Uncertainty: ± 0.1%

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%.