

Certificate of Calibration



A division of JM Test Systems Inc.

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This newly manufactured unit has been calibrated to verify compliance with its published specifications using standards traceable to the U.S. Department of Commerce National Institute of Standards and Technology (NIST), consensus standards, ratio methods or accepted values of natural physical constants. The work documented in this certification was performed in compliance with ANSI/NC SL Z540-1-1994. This certificate only applies to the device(s) listed below and may not be reproduced except in full without the written permission of the issuer.

The uncertainties of the measurements performed during this calibration are based upon a 95% confidence level.

Calibrated Device

Description: Digital Pressure Gauge, 500 PSI, Isolated, 0.05% FS
Manufacturer: Vaetrix
Model: ETG-500-I-05
Serial Number: 1553786890

Calibration Date Time: 3/28/2019 3:08:07 PM

Procedure: PROCETG-500-I-05

Environmental Conditions: 21.5°C at 20.3% Relative Humidity

Location: This work was performed at JM Test in Candia, New Hampshire USA

Standards

Manufacturer	Model	Description	Std #	Calibration Expires
MENSOR	CPR6050	Pressure Standard	3198.1	6/30/2019
MENSOR	CPR6050	Pressure Standard	3198.2	7/31/2019
MENSOR	CPT6180	Barometric Pressure Standard	3377	12/31/2019

As Left Calibration Data

Range : -12 ... 500 psi Pressure Accuracy: 0.05% of full-scale, Vacuum Accuracy: 0.25% of full-scale

Upscale (psi)

Standard Read Value	Spec. Limit	DUT Read Value	Spec. Limit	Uncertainty	Result
-11.999	-13.25	-11.98	-10.75	0.100	Pass
-6.006	-7.26	-5.97	-4.76	0.100	Pass
0.005	-0.24	0.01	0.26	0.025	Pass
62.501	62.25	62.50	62.75	0.025	Pass

Vaetrix The Original Digital Deadweight

143 Raymond Rd Unit 10 Candia New Hampshire 03034 888.797.3740

125.001	124.75	125.01	125.25	0.025	Pass
187.501	187.25	187.48	187.75	0.025	Pass
250.004	249.75	250.01	250.25	0.025	Pass
312.502	312.25	312.48	312.75	0.031	Pass
375.001	374.75	375.01	375.25	0.038	Pass
437.502	437.25	437.49	437.75	0.044	Pass
500.000	499.75	500.01	500.25	0.050	Pass

Downscale (psi)

Standard Read Value	Spec. Limit	DUT Read Value	Spec. Limit	Uncertainty	Result
500.003	499.75	500.01	500.25	0.050	Pass
437.503	437.25	437.49	437.75	0.044	Pass
375.000	374.75	375.01	375.25	0.038	Pass
312.503	312.25	312.48	312.75	0.031	Pass
250.002	249.75	250.01	250.25	0.025	Pass
187.500	187.25	187.48	187.75	0.025	Pass
125.000	124.75	125.00	125.25	0.025	Pass
62.501	62.25	62.50	62.75	0.025	Pass
0.009	-0.24	0.01	0.26	0.025	Pass
-6.010	-7.26	-6.01	-4.76	0.100	Pass
-11.999	-13.25	-11.98	-10.75	0.100	Pass

Barometer (inHg)

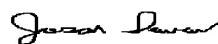
Standard Read Value	Spec. Limit	DUT Read Value	Spec. Limit	Uncertainty	Result
29.7829	29.660	29.776	29.905	0.0030	Pass

Technician



Gregory Lindstrom

Quality Manager



Jason Dewar

Vaetrix

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