



REPORT OF CALIBRATION

This instrument is calibrated and tested to verify compliance with Martel's test specifications for all ranges and parameters required to meet 1 year performance specifications. The calibration uses measurement standards traceable to the National Institute of Standards and Technology (NIST). This calibration complies with the requirements of ANSI/NCSL Z540-1-1994 part 2. Calibration and verification are performed at an ambient temperature of $23 \pm 5^{\circ}\text{C}$ and relative humidity of $> 20\%$ to $< 70\%$.

Any test uncertainty (TUR) less than 4:1 appears under the TUR heading on the data record. Where the TUR meets or exceeds 4:1, the TUR field is blank.

Tom Fatur

Tom Fatur
President

Juan Guzman

Calibrated By
Juan Guzman

Manufacturer: Martel Corporation
Model: BGPIR-PRO-030C
Serial Number: 2630076

Cal Date: December 19, 2013
Report Date: December 19, 2013
Temperature: 21.0°C
Relative Humidity: 29 %

Calibration Procedure: GAUGE MASTER : (1 year) FINAL VER MAN/8100 7310C J
Procedure Revision: 2.1

Standards Used

Asset	Manufacturer	Model Number	Description	Cal. Date	Due Date
570131	Mensor	8100	Pressure Standard	17-Sep-13	17-Jan-14

Test Data

PARAMETER	RESULT	ACCEPTANCE LIMITS		TUR
		LOW	HIGH	
-12.000 to 30.000 psi Verification.				
30.000_psi	30.001	29.985	30.015	PASS
28.000_psi	28.000	27.986	28.014	PASS
25.000_psi	24.999	24.987	25.013	PASS
21.000_psi	21.002	20.989	21.011	PASS
15.000_psi	15.001	14.991	15.009	PASS
12.000_psi	12.001	11.992	12.008	PASS
9.000_psi	9.001	8.993	9.007	PASS
5.000_psi	5.002	4.995	5.005	PASS
2.000_psi	2.002	1.996	2.004	PASS
0.000_psi	0.000	-0.003	0.003	PASS
-5.000_psi	-4.999	-5.030	-4.970	PASS
-12.000_psi	-11.999	-12.030	-11.970	PASS
-0.8273 to 2.0684 Bar Verification.				
2.0684"Bar"	2.0685	2.0674	2.0694	PASS
1.9306"Bar"	1.9305	1.9296	1.9316	PASS
1.7236"Bar"	1.7236	1.7227	1.7245	PASS
1.4478"Bar"	1.4480	1.4470	1.4486	PASS
1.0342"Bar"	1.0343	1.0336	1.0348	PASS
0.8274"Bar"	0.8274	0.8269	0.8279	PASS
0.6206"Bar"	0.6206	0.6202	0.6210	PASS
0.3448"Bar"	0.3449	0.3445	0.3451	PASS
0.1378"Bar"	0.1380	0.1375	0.1381	PASS
0.0000"Bar"	0.0000	-0.0002	0.0002	PASS



PARAMETER	RESULT	ACCEPTANCE LIMITS		TUR
		LOW	HIGH	
-0.3447"Bar"	-0.3447	-0.3468	-0.3426	PASS
-0.8273"Bar"	-0.8273	-0.8294	-0.8252	PASS
-82.74 to 206.84 kPa Verification.				
206.84_kPa	206.85	206.74	206.94	PASS
193.06_kPa	193.05	192.96	193.16	PASS
172.36_kPa	172.36	172.27	172.45	PASS
144.78_kPa	144.80	144.70	144.86	PASS
103.42_kPa	103.43	103.36	103.48	PASS
82.74_kPa	82.74	82.69	82.79	PASS
62.06_kPa	62.06	62.02	62.10	PASS
34.48_kPa	34.49	34.45	34.51	PASS
13.78_kPa	13.80	13.75	13.81	PASS
0.00_kPa	0.00	-0.02	0.02	PASS
-34.47_kPa	-34.47	-34.68	-34.26	PASS
-82.74_kPa	-82.73	-82.95	-82.53	PASS