

Calibration Report

The following data was measured on the MKS Baratron pressure sensor identified below. Calibration was performed using MKS standard S/N 92220107A, which is calibrated against an MKS Transfer Standard. The Transfer Standard was calibrated vs. a Primary Air Dead-weight Tester, traceable to the National Institute of Standards and Technology. The test report numbers to this standard are referenced in the MKS 'STDNN SET' 3a, which shall be furnished upon request.

Unit Type: 223B-22875

Unit Range: 10

Pres. Units: In H2O

<i>Pressure Std</i>	<i>Voltage Std</i>	<i>Voltage UUT</i>	<i>Error (mV)</i>	<i>Error (%)</i>
-9.99	-4.99	-4.99	-2.00	-0.04
-7.94	-3.97	-3.97	-2.00	-0.04
-5.97	-2.98	-2.98	2.00	0.04
-4.02	-2.01	-2.01	0.00	0.00
-2.01	-1.01	-1.00	2.00	0.04
-1.00	-0.50	-0.50	2.00	0.04
0.00	0.00	0.00	0.00	0.00
1.00	0.50	0.50	2.00	0.04
2.00	1.00	1.00	0.00	0.00
4.01	2.01	2.01	0.00	0.00
5.96	2.98	2.98	-1.00	-0.02
8.03	4.02	4.02	1.00	0.02
9.97	4.99	4.98	-2.00	-0.04

Data by: 1453

Checked by: H. PHAN

Calibration Date: 10 December 2007

In Tolerance: Yes

UUT Ser. No: 016229353

As Found Data:

As Left Data:

- Notes:**
- 1) Temperature regulated units must be on for a minimum of four hours prior to making any adjustments.
 - 2) This calibration was performed in compliance with ISO/IEC 17025:2000 requirements.
 - 3) The allowable specification for the unit is 0.5 Percent of Full Scale
 - 4) This calibration was performed per the latest revision of MKS Calibration Procedure 108753.
 - 5) The environment conditions were controlled to the extent necessary during this calibration.
 - 6) These calibration results relate only to the item calibrated.
 - 7) This report shall only be reproduced in full

End of Report

Description

In certain applications, some MKS customers are required to have systems that meet the requirements of SEMI S2 "Safety Guidelines for Semiconductor Manufacturing Equipment." In the event your application is intended to conform to this guideline, please be aware that MKS typically manufactures equipment which are components to OEM systems. As such, these components are not intended to be used as stand-alone equipment, but rather within an overall end user system (and receive their power from the customer's system). Given this component status, the MKS Baratron you have purchased is not provided with an "emergency-off" switch. This requirement is the responsibility of the system manufacturer. Please refer to the instruction manual for proper connection information.

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