

Calibration Report

The data was measured using MKS instruments transfer standard serial number 93209113A, which was calibrated with a Forced Piston Gage Primary Pressure Standard, Fluke FPG 8601 Serial 162 traceable to the National Institute of Standards and Technology

Model Number: 627F01TAC1B
Serial Number: 110747881

Range: 133.32 / 1.33 / (1)
Units: Pa / mBar / (Torr)

Calibration By: B. MUNROE

Checked By: E. AMARAL

Date: 09/02/2020

Sys Ck.: NA

In Tolerance: Yes

As-found:

As-Left:

Both:

<i>Std Press.(Torr)</i>	<i>Std Out (V)</i>	<i>UUT Out (V)</i>	<i>Error (mV)</i>	<i>Error (%RDG)</i>
0.0000	0.0000	0.0000	0.0	
0.0995	0.9949	0.9942	-0.7	-0.07
0.2008	2.0084	2.0081	-0.3	-0.01
0.4019	4.0192	4.0215	2.3	0.06
0.6013	6.0125	6.0165	4.0	0.07
0.7985	7.9846	7.9865	1.9	0.02
0.9965	9.9651	9.9583	-6.8	-0.07

Unit Temperature: 45 Deg C.

Notes: The allowable tolerance for the calibrated device is (+/-) 0.12 % of reading.
 This calibration was performed within the guidelines of ISO/IEC17025
 Temperature regulated units must be on for a minimum of four hours prior to making adjustments.
 Thermal transpiration corrections have been applied to this calibration.
 The latest version of the Calibration Procedure was followed during this calibration.
 The environmental conditions were controlled to the extent necessary to perform this calibration.
 The total accuracy ratio (TAR) is 4:1
 These results relate only to the item calibrated
 This report shall only be reproduced in full

End of Report