



Report and Certificate of Calibration

InstroTek, Inc.
5908 Triangle Drive, Raleigh, NC 27617



Report #: 2015.101.40758.7005
Customer Name: University of Arkansas (Fayetteville)
Customer Address: 700 W. Research Center Blvd.
Service Address: 5908 Triangle Drive, Raleigh, NC 27617

Contact: Mary Fleck
City, State, ZIP: Fayetteville, AR, 72701

Reference Calibration Standards

>	Equipment (Model) / Serial Number / Calibration Date / Expiration Date	<
>	Fluke/700GA4/2982055/03-27-2015/03-27-2016	<

Unit Under Test Data

Calibration Date:	November 13, 2015	Manufacturer:	Busch	Reference:	CP-1305	Temperature:	23 °C
Calibration Expires:	November 13, 2016	Model Number:	B-40			Humidity:	32% RH
Calibration Frequency:	12 Months	Serial #:	0907005G	Tolerance (+/- torr):	1.0	Asset #:	N/A
		Range:	40 torr	or Tolerance (+/- %):	1.0%	Service Location:	InstroTek Lab

Calibration and Verification of Vacuum Gauge

Applied Vacuum	As Found	Error (torr)	Error (%)	Pass / Fail	As Left Run 1	Error (torr)	Error (%)	Pass / Fail	As Left Run 2	Error (torr)	Error (%)	Pass / Fail
4.0	4.2	0.2	4.8%	PASS	4.0	0.0	0.0%	PASS	4.0	0.0	0.0%	PASS
8.0	8.0	0.0	0.4%	PASS	8.2	0.2	2.5%	PASS	8.2	0.2	2.5%	PASS
12.0	12.1	0.1	0.7%	PASS	12.0	0.0	0.2%	PASS	12.0	0.0	0.2%	PASS
16.0	16.0	0.0	0.1%	PASS	16.3	0.3	1.9%	PASS	16.3	0.3	1.9%	PASS
24.0	24.1	0.1	0.3%	PASS	24.1	0.1	0.4%	PASS	24.1	0.1	0.4%	PASS
36.0	36.0	0.0	0.1%	PASS	36.5	0.5	1.4%	PASS	36.5	0.5	1.4%	PASS

Expanded Uncertainty: ± 1.05 Torr

As Found: **PASS** As Left: **PASS**

This Certificate Report (0907005G) is issued as a statement of the fact that on the date the instrument (0907005G) had an accuracy as indicated. The instrument has been processed and calibrated in accordance with the InstroTek, Inc. ISO 17025 Accredited Quality System and is traceable to International Standards (SI) through the National Institute of Standards and Technology (NIST). The results contained herein relate only to the instrument calibrated. Reported uncertainties are expressed as expanded uncertainty values at approximately 95% confidence level using a coverage factor k=2. The results contained herein relate only to the instrument calibrated.

Local Office: 5908 Triangle Drive, Raleigh, NC 27617

We sincerely thank you for your business.

Please call us at 919.875.8371 for all your calibration needs.

Technician: **Kerry DuBiel**
Print Name

Kerry DuBiel
Signature

11/13/15
Date

This report shall not be reproduced, except in full, without written approval from InstroTek, Inc.

Page 1 of 1