

# Calibration Certificate

201 Wolf Drive • P.O. Box 87 • Thorofare, NJ 08086-0087 • Phone:856-686-1600 • Fax:856-686-1601 • www.troemner.com • e-mail: troemner@troemner.com

## SECTION 1: NAME AND ADDRESS OF CUSTOMER

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### End User

Henry Troemner LLC  
201 Wolf Drive  
Thorofare, NJ 08086

### Client

Henry Troemner LLC  
201 Wolf Drive  
Thorofare, NJ 08086

## SECTION 2: APPROVED SIGNATORY

Joseph Moran

## SECTION 3: PERSON PERFORMING WORK

Mike Rodecker

## SECTION 4: CERTIFICATE INFORMATION

Description of DUT: Sanitary Pressure Gage

Pressure Comparison

Order Number: 072905 / RN  
Manufacturer: Millipore  
Model: YY1801020  
Range: 0.000 to 100.000 psi

Serial Number: 0118  
Certificate Number: 329539  
Date of Calibration: Jul 28 2005  
Date Received: Jul 21 2005

## SECTION 5: ENVIRONMENTAL CONDITIONS DURING TEST

Temperature: 20.6°C

Ambient Pressure: 14.728 psi

Relative Humidity: 43%RH

## SECTION 6: PERTINENT INFORMATION

### STANDARDS

Manufacturer	Model	Serial Number	Range	Cal. Due Date
DH Instruments	PPC3	151	0.000 to 100.000 psi	Aug 9 2005

The gauge calibrated for this report has been calibrated in accordance with Troemner's calibration procedure PCP-CAL.

This calibration also meets specifications as outlined in ISO 9001, ISO/IEC 17025, ANSI/NCSL Z540-1-1994, NCR Document 10CFR50 Appendix B, and applicable documents.

This comparison calibration was performed in Troemner's Pressure Certification Laboratory at 201 Wolf Drive, Thorofare, NJ 08086. This unit was compared to laboratory standards, which are traceable to the National Institute of Standards and Technology (NIST).

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Pressure Calibration

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## SECTION 7: CALIBRATION DATA

### DUT Tolerance (1.5% Span)

As Found/Left Data:

Test Point	Reference Pressure psi	DUT Pressure psi	DUT Raw Output psi	Error psi	DUT Tolerance psi	Status
1	24.2000	25.0	25.0	0.8	1.5	
2	49.5000	50.0	50.0	0.5	1.5	
3	75.0000	75.0	75.0	0.0	1.5	
4	100.9000	100.0	100.0	-0.9	1.5	
5	49.1000	50.0	50.0	0.9	1.5	

“T” denotes out of tolerance condition.

Uncertainty of the Measurement +/- (0.005% of reading)

The uncertainty is an error in pressure due to the measurement process, and is calculated per NIST Technical Note 1297 using a coverage factor of  $k = 2$  ( $k = 2$  defines an interval having a level of confidence of approximately 95 percent)

## SECTION 8: ADDENDUM