



Max Machinery, Inc.  
an ISO 9001:2008 certified company

## CERTIFICATE OF CALIBRATION

Certificate #: 90052

Keep for your records.

**Customer:** Sample Customer  
123 Any Street  
Any Town, CA 12345  
United States

**Laboratory Location:** Max Machinery, Inc  
33A Healdsburg Ave  
Healdsburg, CA 95448  
707-433-2662

**Type of Device:** Flow Meter  
**Manufacturer:** Max Machinery, Inc.  
**Model Number:** G004HS13NA/A11A/1  
**Serial Number:** D12345

**Calibration Fluid:** Hydra Oil  
**Fluid Viscosity:** 30 cps  
**Fluid Specific Gravity:** 0.85 g/mL  
**Fluid Temp:** 21°C +/- 1°C

**Date of Calibration:** 7/1/2015  
**Sales Order:** SAMPLE  
**Procedure Used:** LA-P-107  
**Performed By:** JDO

**Output Units:** mA  
**Flow Units:** mL/min  
**Max Output:** 20 mA @ 200 mL/min  
**Min Output:** 4 mA @ 0 mL/min

**Calibration Notes:** This document reflects the new linear calibration.  
The new condition was found to be in tolerance.

### Calibration Data

Flow Rate mL/min	Output Milliamps	----- Error ----- % reading	mA Offset	Flow Rate mL/min	Output Milliamps	----- Error ----- % reading	mA Offset
191.70	19.341	0.03%					
150.83	16.069	0.02%					
99.13	11.931	0.01%					
73.66	9.893	0.00%					
38.83	7.105	-0.05%					
18.01	5.439		-0.002				

Errors for flow rates below 10% of the full scale output are represented as a milliamp offset, rather than a percentage.

### Equipment Used in the Calibration:

Calibration ID:	Description:	Serial Number:	Cal Due Date:	Certificate Number:
41901	Built in reference meter	C740722	3/31/2016	41901033115
41902	Built in reference meter	C740745	3/31/2016	41902032615
41903	Built in reference meter	C740752	3/31/2016	41903041315
41904	Temperature Controller	28133	11/11/2015	41904111214
41906	Multifunction DAQ	16769D4	11/26/2015	41906112614
41907	Counter/timer	1677AE2	11/26/2015	41907112614

### QC Approval:

*Jane Doe*  
\_\_\_\_\_  
Jane Doe  
Quality Manager

7/1/2015

### Calibration Technician

*John Doe*  
\_\_\_\_\_  
John Doe  
Lab Technician

7/1/2015

This calibration was conducted using standards traceable to NIST.  
Measurement uncertainty of the #419 test stand is +/- 0.167% of reading with a 95% confidence (k=2 coverage factor).  
Calculations are available upon request.

This Certificate shall not be reproduced, except in full, without written approval by Max Machinery, Inc.