



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.