



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

## CERTIFICATE OF CALIBRATION

Certificate #: 90049

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:** H241LS11NA/P11N/0  
**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-412  
**Performed By:** JDO

**Output Units:** Pulses/L  
**Flow Units:** L/min  
**K-Factor:** 15000

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

### Calibration Data

Flow Rate L/min	----- Output -----		Error % reading	Flow Rate L/min	----- Output -----		Error % reading
	Pulses/L	Frequency Hz			Pulses/L	Frequency Hz	
180.00	15002	45006.000	0.01%				
100.00	15002	25003.330	0.01%				
60.00	15001	15001.000	0.01%				
20.00	15002	5000.667	0.01%				
10.00	15000	2500.000	0.00%				
5.00	14994	1249.500	-0.04%				
2.00	14999	499.967	-0.01%				

### Equipment Used in the Calibration:

Calibration ID:	Description:	Serial Number:	Cal Due Date:	Certificate Number:
41201	Built in reference meter	B407001	8/31/2015	41200083112
41202	Built in reference meter	B407007	8/31/2015	41201083112
41203	Temperature controller	7084	11/12/2015	41203111214
41206	Multifunction DAQ	15CD165	11/26/2015	41206112614
41207	Counter/timer	165894	11/26/2015	41207112614

### 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 #412 test stand is +/- 0.113% 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.