

900 GPM Liquid Flow Meter Calibrations

Graftel is now offering accredited water flow calibrations at flow rates up to 900 GPM with uncertainties of up to 0.06% of reading. These calibrations are performed in our laboratory and certified by L-A-B to ISO 17025.



1000 GPM Liquid Flow Calibrations.
 ISO/IEC 17025:2005 Accredited,
 ANSI/NCSL Z540.3 sub clause 5.3
 Accredited, NIAC and NUPIC audits
 to 10CFR 50 Appendix B.



These accuracies are achieved using our primary mass-time weighing system and precision controlled water supply system. Graftel maintains five NIST traceable primary liquid flow calibration systems utilizing water as the calibration medium. Each systems uses a high accuracy Coriolis meter as a secondary standard and its own dynamic gravimetric time-mass system as a primary standard. These five systems cover overlapping ranges so that they may be checked against each other.

Graftel also offers superior turnaround time, standard 5 business days. Expedited services also available.

Applications for these calibrations include: Coriolis meters, Delta P Venturi Flow Meters, Cavitating Venturies, Adjustable Area Venturi Valves, Turbines Flow Meters, Positive Displacement Meters and Orifice Plates.



Graftel maintains five liquid flow calibration systems that can cater to a board spectrum of customers needs:

Flow Station	Flow Range(gpm)	CMC(%RDG @ K=2)	Standard
A	0.0003 to 0.5	0.06	Mass-Time
	0.05 to 0.5	0.1	Coriolis Meter
B	0.5 to 5	0.06	Mass-Time
	0.5 to 5	0.1	Coriolis Meter
C	5 to 50	0.06	Mass-Time
	5 to 50	0.1	Coriolis Meter
D	50 to 900	0.06	Mass-Time
	50 to 900	0.1	Coriolis Meter
E	1 to 100	0.1	Coriolis Meter

1000 psi calibrations up to 100 gpm are available.

CMC: Calibration and Measurement Capability

Graftel is now offering a customer log-in feature on our web page. This will allow the user to see real time order statuses, view/download calibration certificates and shipping reports via customer portal.