

Sage NIST Traceable Gas Flow Calibration Facility

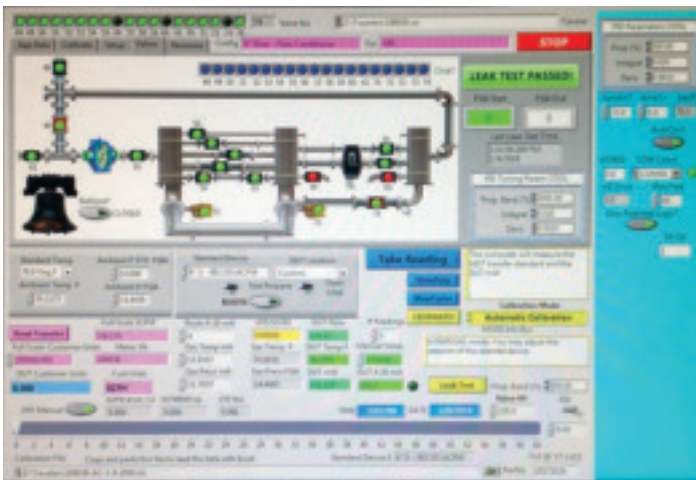
Provides accuracy of +/- 0.5% of Full Scale +/-1% of Reading over 100 to 1 turndown



Automated NIST Traceable Calibration System



Main Intake to High Velocity Facility



Flow Automation Control Screen



High Velocity Flow Facility

Description of NIST Standards	Maximum Range	Accuracy of Standard	Maximum Velocity ¹
8" Positive Displacement Blower/ Meter Standard	3000 SCFM	0.5% of Reading	35,000 SFPM (e.g., 12,000 SCFM in 8" pipe)
4" Vortex Meter	2200 SCFM	1.5% of Reading	
3" Positive Displacement Meter Standard	383 SCFM	0.5% of Reading	
2" Positive Displacement Meter Standard	13 SCFM	0.5% of Reading	
5 Cubic Foot Bell Prover	15 SCFM	0.25% of Reading	
3 Mercury Sealed Piston Provers	0-50 SLM (1.76 SCFM)	0.25% of Reading	

¹Higher velocity calibrations optionally available. Contact Sage.



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