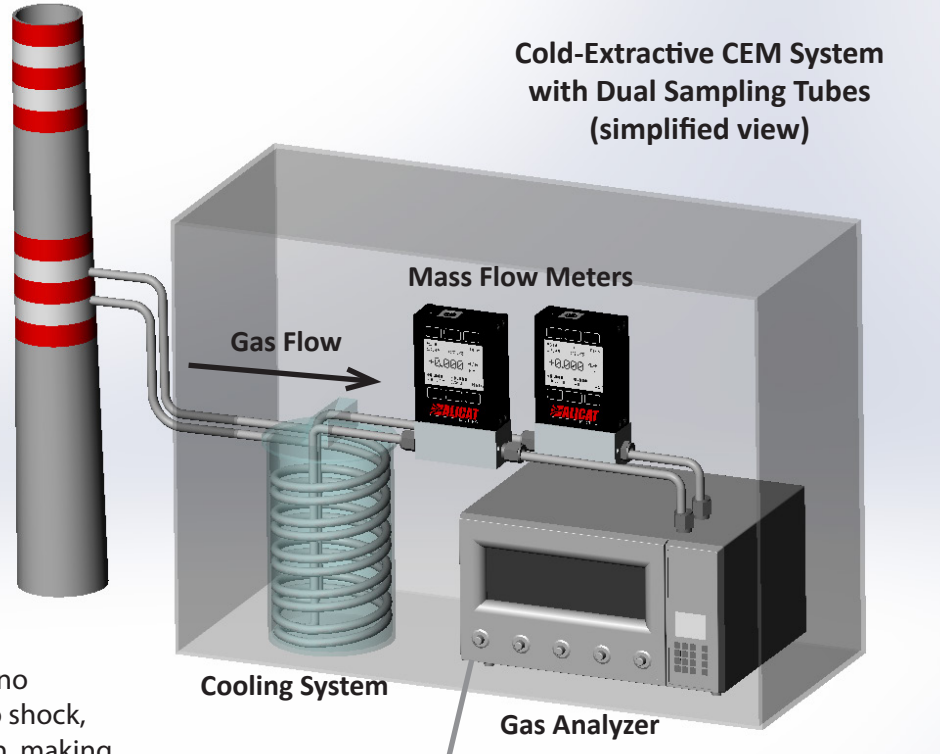


Flow Control and Pressure Measurement in Continuous Emissions Monitoring (CEM) Systems

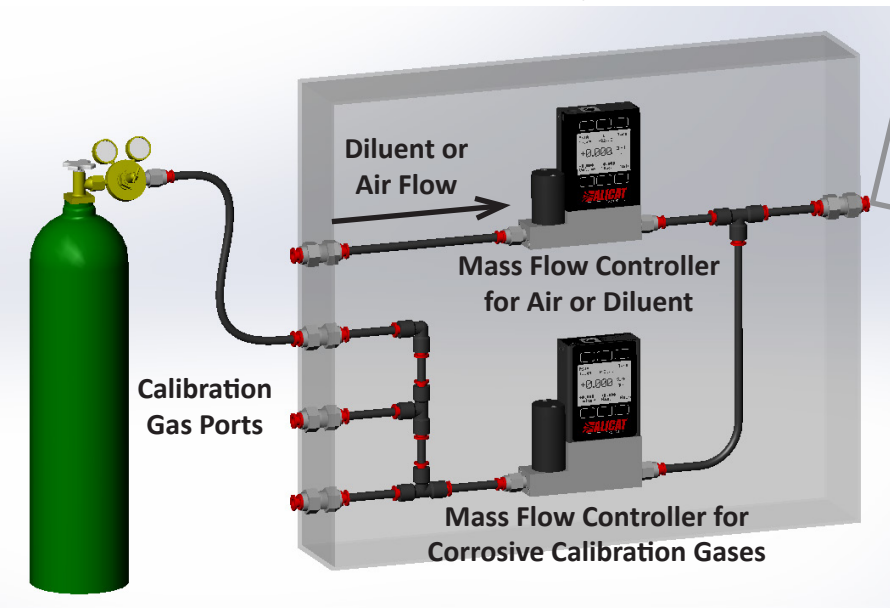
CEMS Flow Measurement

1 EPA standards require that volumetric gas flows be standardized to mass flow rates. Alicat mass flow meters deliver volumetric flow, temperature, pressure and standardized mass flow readings simultaneously, even on the built-in display. The conversions are performed automatically and in real time without any need to use correction factors.



CEMS Field Calibration Unit

2 Alicat mass flow controllers require no warm-up time and are insensitive to shock, vibration and changes in orientation, making them ideal for integration within CEMS field calibration units. A 200:1 turndown ratio and selectable gas calibrations provide linear flow control from 0.5% to 100% of the fullscale range.



CEMS Portable Audit Device

3 Alicat portable flow meters provide in-the-field flow verification for up to 12 hours via integrated rechargeable batteries. Custom gas mixes and flow totalization are available for the greatest accuracy and ease of use in confirming flow rates from your CEM calibrator.