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Flow Path Schematic

Air Sample Locations
Tunable Diode Laser Absorption Spectroscopy

Based on Beer Lambert Law:

Laser beam Intensity reduced: water vapor absorbs radiant energy from beam

Concentration of the water vapor in sample is proportional to the difference between incoming and out going intensity of laser beam
Infrared Absorption Spectroscopy

Concentration of the water vapor in sample is proportional to the difference between incoming and outgoing IR energy.
Plumbing Schematic
Questions
or
Comments