



LCS - Liquid Calibration System

Direct calibration of instrument response using liquid standards



The Liquid Calibration System is designed for seamless use with all Vocus CI-TOF models, providing the option for calibration of instrument response with liquid standards. Precise flow control combined with quantitative evaporation and dilution enables accurate and reproducible calibrations.

Features

- Compatible with single standards and mixtures
- Precise liquid flow control
- Wide concentration range pptV – ppmV
- Easily exchangeable liquid reservoir
- Wide range of possible calibrants

Applications

- Determination of instrument sensitivity and detection limit
- Interpretation of gas-phase data
- Direct liquid analysis
- Trace contaminants in water analysis

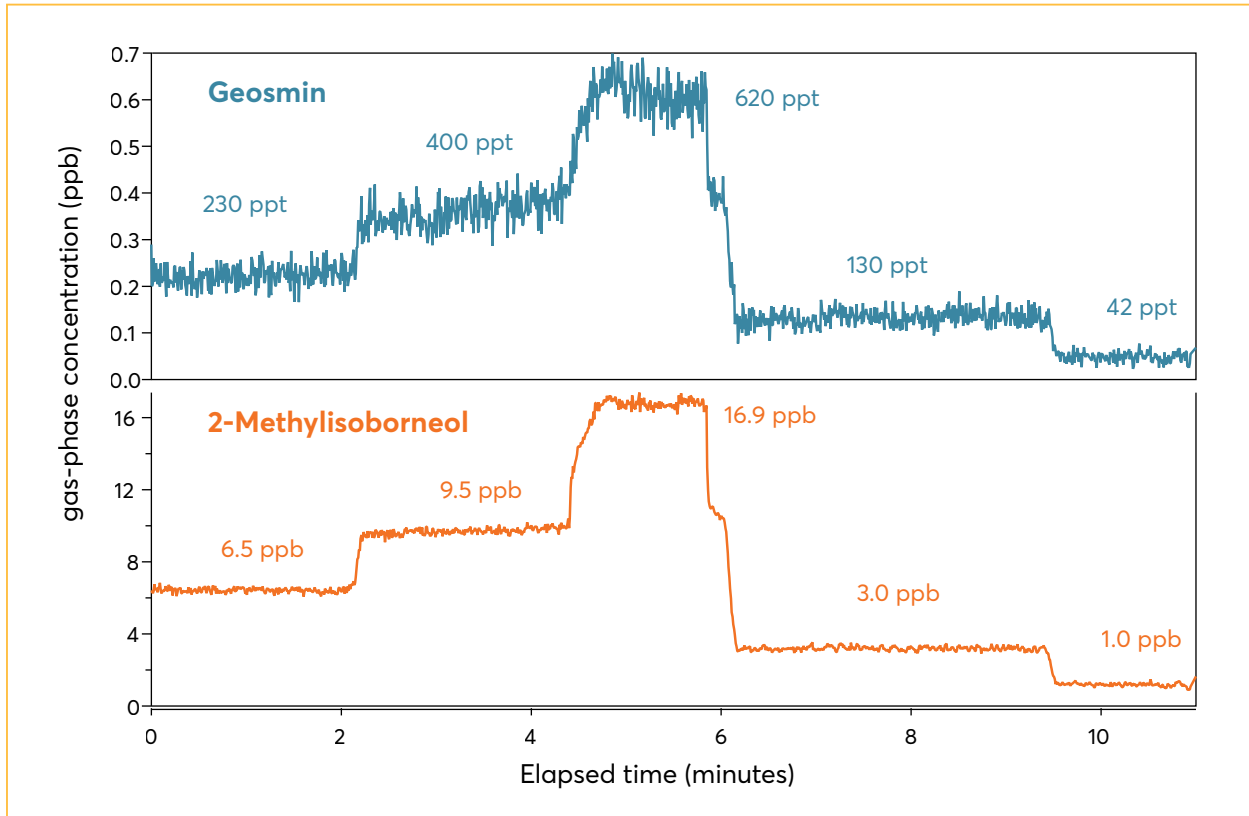
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Liquid Calibration of a Calibrant Mixture

Linear, stable calibration is easily obtained by continuous measurements with automated adjustments of the liquid standard flow rate.



Specifications

Liquid Flow Rate	0 to 40 μ L/min
Dilution Gas Flow Rate	0.5 to 2 L/min
Flow Precision	5 %
Evaporation Temperature	100 to 200 $^{\circ}$ C
Dimensions	305 x 255 x 125 mm, 5.8 kg
Power	120 V/240 V, 40 W max