

Product Code . DS-SAS-10547

Cold Vapor Mercury Analyzer



Description

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The mercury analyzer combines several high-performing instruments to achieve superb detection limits with minimal interferences in a user-friendly platform. User-adjustable parameters include gas flows, lamp currents, and integration times. Absorbance is measured as a function of time and automatically integrated using on-board software. Use up to eight calibration points for mercury quantification. Analyze trace Hg levels in water samples and related eco-system impacts. This dedicated analyzer enables precise mercury analysis for a variety of applications. The resultant D2 baseline of non-Hg signals from organic vapors and other interferences is precisely subtracted out to maximize mercury reading accuracy. Background correction is accomplished by acquiring rapidly alternating deuterium light absorbances interspersed with 253.7nm hollow cathode lamp readings. Calibration and sample data are displayed on a backlit LCD, with outputs to printer via parallel port, to recorder. Push the Quick-Purge button to flush residual Hg vapor to an internal trap and ready analyzer for next sample. Power: 230 VAC/50 Hz.

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