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Monitoring hydrocarbons in ozone generation feed streams

Lyons, CO — December 2015 — MOCON-Baseline's Series 9000 Total Hydrocarbon Analyzer monitors hydrocarbons in air or pure liquid oxygen (LOX) ozone generation feed gas streams used in wastewater treatment systems. Feed gas delivered to the ozone generator must be clean and free of hydrocarbons (< 15 ppmv) and must be closely monitored during the process.

For this application, the Series 9000 THA's range is factory set at 1 – 200 ppm (methane), MDQ 0.01 ppm. Analog, digital, or logic output capability, as well as components for single or multipoint analysis, may be selected at time of order. Built-in software, navigated by a large graphical display with easy to use menu, allows operation with or without and an external computer.

Electronic control of fuel, air, and sample delivery to the flame ionization detector (FID) — with auto-ignition — improves safety, performance, and sensitivity. Programmable alarms levels and automatic calibration allow operation with minimal experience and enhance the long-term analytical stability of the instrument.

For more product specific information, please contact info@baselineindustries.com or visit our website at www.baseline-mocon.com.