



The leading global provider of laser-based analyzers that improve process efficiency in traditional and cleantech energy markets

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- > Chevron Technology Ventures
- > Nomura New Energy & Clean Technology Ventures
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SpectraSensors, Inc.
4333 W Sam Houston Pkwy N
Suite 100
Houston, TX 77043-1223
713-466-3172
www.spectrasensors.com

About SpectraSensors

SpectraSensors, Inc is the leading global provider of laser-based analyzers used by world-class natural gas and petrochemical companies to ensure the highest levels of process efficiency with reliable measurements and low cost of operation. The company's products are designed specifically to improve process efficiency in refineries and chemical plants. Process efficiency is a highly critical yet often overlooked means of reducing environmental impacts from energy and chemical production. Improved process efficiency enables lower maintenance costs, more accurate measurements, faster response times and more economic value with fewer materials and waste.

Using tunable diode laser (TDL) technology that has been proven in the harshest real-world environments, SpectraSensors' solutions successfully measure and monitor gas and petrochemical concentrations in a variety of applications such as environmental, energy, water, and chemical process monitoring.

Products

SpectraSensors uses TDL technology in conjunction with absorption spectroscopy in an array of products such as ambient air monitoring analyzers, moisture analyzers (hygrometers), dew point analyzers, and hydrogen sulfide analyzers, gas analyzers for natural gas pipelines, petrochemical refineries, environmental technology, and gas quality applications. SpectraSensors' gas analyzers measure moisture (H₂O), carbon dioxide (CO₂), hydrogen sulfide (H₂S), acetylene (C₂H₂) and more.

Typical applications include gas quality and energy measurements (H₂O, CO₂, H₂S) in natural gas, trace moisture and hydrogen sulfide in refineries and petrochemical plants, and airborne moisture and other atmospheric measurements from commercial aircraft for the U.S. and international weather services.

History

Incorporated in 1999, SpectraSensors is a technology spin-off of the NASA/Caltech Jet Propulsion Laboratory (JPL) in Pasadena, CA. It has developed and sold commercial products adapted from JPL and perfected via proprietary R&D efforts since 1998.

Leadership

- George Balogh, Chief Executive Officer
- Dr. Alfred Feitisch, VP of Analyzer Operations and Engineering
- Jorge Jones, VP of Sales and Marketing
- David Novak, VP of Applications and Systems Integration

Awards



2008 Inc. 5,000 honoree
#5 in Environmental Services
#583 overall

Nearly 600 percent revenue growth from 2004-2007

2007 Red Herring 100 North America honoree