

20 years of pioneering work in laser measurement technology

Endress+Hauser subsidiary SpectraSensors celebrates its anniversary

SpectraSensors, a leading manufacturer of optical gas analyzers for the process industry, is celebrating its 20th anniversary. Since its founding in 2001, the company has steadily invested in new products and technologies and today possesses unique know-how in the field of tunable diode laser absorption spectroscopy (TDLAS).

The gas analyzers from SpectraSensors are used for online and real-time monitoring of moisture, carbon dioxide, hydrogen sulfide, ammonia, acetylene, oxygen and more. “Our products enhance the Endress+Hauser portfolio in the area of natural gas, gas processing, the hydrogen economy and carbon dioxide emission,” says John Schnake, Managing Director at SpectraSensors.

SpectraSensors was formed in 2001 as a technology spin-off of the renowned NASA-Caltech Jet Propulsion Laboratory and acquired by Endress+Hauser in 2012. With the acquisition, the Endress+Hauser Group tapped into the market for gas analysis and strengthened its position in the field of optical analysis technology and the oil and gas industry. The goal is to integrate SpectraSensors into the Endress+Hauser network.

Collaborative product development

SpectraSensors introduced a new analyzer platform to the market in 2021. The J22 TDLAS Gas Analyzer, the first in a series of new analyzers developed in close collaboration with Endress+Hauser, offers precise, fast and reliable measurements in the area of natural gas quality and thanks to the Heartbeat technology, ensures permanent diagnostics and verification without interrupting the process.



EH_facility_SpectraSensors.jpg

The headquarter of SpectraSensors in Rancho Cucamonga in California, USA.



EH_testing_lab_SpectraSensors.jpg

With the acquisition of SpectraSensors in 2012, the Endress+Hauser Group strengthened its position in the field of optical analysis technology.

The Endress+Hauser Group

Endress+Hauser is a global leader in measurement and automation technology for process and laboratory applications. The family company, headquartered in Reinach, Switzerland, achieved net sales of approximately 2.6 billion euros in 2020 with a total workforce of more than 14,000.

Endress+Hauser devices, solutions and services are at home in many industries. Customers thus use them to gain valuable knowledge from their applications. This enables them to improve their products, work economically and at the same time protect people and the environment.

Endress+Hauser is a reliable partner worldwide. Its own sales companies in 50 countries as well as representatives in another 70 countries ensure competent support. Production facilities on four continents manufacture quickly and flexibly to the highest quality standards.

Endress+Hauser was founded in 1953 by Georg H Endress and Ludwig Hauser. Ever since, the company has been pushing ahead with the development and use of innovative technologies, now helping to shape the industry's digital transformation. 8,900 patents and applications protect the Group's intellectual property.

For further information, please visit www.endress.com/media-center or www.endress.com

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