
PRESS INFORMATION

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Fast payback from laser process gas analysers

Quantitech has launched a range of process gas analysers based on tuneable diode laser absorption spectroscopy (TDLAS). “Over 8,000 instruments have been installed around the world, but the manufacturer Focused Photonics Inc (FPI) is new to the UK,” says Quantitech MD Keith Golding.

“By utilising ‘single-line’ spectroscopy, the Laser Gas Analyser (LGA) range can be configured for continuous analysis of a number of key compounds, with an enormous dynamic range from single figure ppm to % levels, without interference from other process components. Maintenance requirements are minimal so there is a fast payback,” he adds.

Typical applications include waste to energy, incineration, ammonia slip control, HCl measurement for sorbent injection optimisation, furnace oxygen, flue gas monitoring in FCC catalyst regeneration, trace H₂S and H₂O in natural gas, H₂S measurements in sulphur recovery, cross-duct CO monitoring for electrostatic precipitator safety, and many others.

“The LGA range of process gas analysers delivers the well-established benefits of TDLAS technology - high specificity, fast response, super-low maintenance, with proven reliability in harsh operating environments and very low ownership costs,” comments Keith. “Developed out of Stanford University California, the cradle of TDLAS commercialisation, FPI was established in China in 2002 and now employs over 3,000 staff. We have visited a number of LGA installations and were very impressed by the standards of quality and reliability being delivered by these instruments.”

Further information on the FPI LGA range is available from www.Quantitech.co.uk.

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