24.07.2018

Press Release PR01652

World First in Emission Measuring

Detectors with IR Filters for NO_2 Measuring

LASER COMPONENTS is the first manufacturer to offer its pyroelectric detectors with narrow-band IR filters for NO_2 measuring (filter option V). This innovative change makes the challenging NO_2 measurement possible with non-dispersive infrared sensors (NDIR) – especially in combination with the company's differential pyros. Manufacturers of exhaust gas measurement systems will now be able to expand their devices by an additional IR measuring channel.

Up until now, the amount of NO_2 in exhaust gases has been determined by UV or electrochemical methods. Engine development was the only field using laser-based IR processes. The concentration of carbon compounds, on the other hand, has long been measured using NDIR. As a result, different techniques were applied for each type of chemical compound.

With these new NO_2 filters, LASER COMPONENTS strengthens its position as the IR detector manufacturer with the widest standard range of bandpass filters.

More Information

www.lasercomponents.com/uk/product/choice-of-filters-for-pyrelectric-detectors/

Trade Shows

SPIE Optics+Photonics, August 19 - 23, 2018, San Diego, CA, USA, **Booth 527**
Photon 2018, September 04 - 05, 2018, Aston University, **Booth 5**
Photonex Europe, October, 10 - 11, 2018, Ricoh Arena, Coventry, UK, **Booth D15**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 - 16, 2018, Messe München, Germany

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SPIE Security & Defense, September 11 - 13, 2018, Berlin, Germany **Stand 403**
Photonex Europe, October, 10 - 11, 2018, Ricoh Arena, Coventry, UK, **Booth D15**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 - 16, 2018, Messe München, Germany, **Booth B3.524**

The Company

LASER COMPONENTS specialises in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.

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