

Laser Components Group Expands with In-House Pbs and Pbse Detector Production

LASER COMPONENTS Group (LCG), headquartered in Olching, Germany, has announced the significant expansion of its research, development, and production capabilities with the addition of the PbS and PbSe infrared detector product lines. The new facility is a welcome addition to the existing LASER COMPONENTS Detector Group (LCDG) site located in Tempe, Arizona. The 3-5 micron wavelength response of these Lead Salt detectors will complement the existing infrared components portfolio that includes the InGaAs PIN Photodiodes and Pyroelectric Detectors already manufactured by the LASER COMPONENTS Group.

This latest company addition demonstrates its commitment to providing customers with the choice of selecting the best detector for their particular application. In a statement about the LCG continued investment and focus in infrared technologies, Group General Manager Patrick Paul explains, "Since its founding in 1982, Laser Components has specialized in IR components. Its collective know-how is extensive. Customers now profit from our in-house production facilities worldwide. As we offer IR detectors that implement different technologies, it is possible for our customers to always find their ideal solution. Gas measurement, for example, can be carried out using InGaAs, PbS/PbSe and Pyroelectric Detectors. Depending on what exactly needs to be measured, one technology is more ideal than the other. The advantage of individualized assistance can be offered by very few other manufacturers; we not only offer this help but also manufacture custom products."

Full scale Lead Salt device production has begun after careful and rigorous prototype testing verified high quality performance. Every indication points to LCDG becoming the technology leader in detector manufacturing. Inventive fabrication techniques developed by LCDG at the Arizona State University Center for Solid State Electronics Research Laboratory and in-house automation have brought LCDG to the production of PbS and PbSe detectors that feature high sensitivity. Dragan Grubisic, LCDG General Manager, said, "We can truly say that we will advance the state of the art."

The products will be introduced to the market at Photonics West 2015 in San Francisco, USA.

More Information Trade Shows

<http://www.lasercomponents.com/lc/ir-components/ir-detectors/pbs-and-pbse-detectors/>

Photonics West 2015, Feb, 10 - 12, 2015, Moscone Center, San Francisco, USA, **Booth 2023**

OFC 2015, Mar, 24-26, 2015, Los Angeles Convention Center, Los Angeles, **Booth 2424**

DSS 2015, Apr 21-23, Baltimore Convention Center, Baltimore, MD, **Booth 1125**

Sensor+Test 2015, May, 19 - 21, 2015, Messe Nürnberg, Germany, **Booth 12.117**

Anga Com 2015, Jun, 09 - 11, 2015, Messe Köln, Germany

LASER. World of Photonics 2015, Jun, 22 - 25, 2015, Messe München, Germany, **Booth B3.303**

The Company

LASER COMPONENTS specializes 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 170 employees worldwide.