

UP-QED Series

New Power Detectors for Lasers with Extreme Power and Energy Density

LASER COMPONENTS launches a new series of laser power detectors by Gentec-EO. These devices were specifically designed for high energy, solid-state lasers. Thanks to a proprietary absorber that diffuses the measured beam and absorbs it in a larger volume, the new UP-QED series features the highest damage thresholds on the market: 100 kW/cm² in power density and up to 300 J/cm² in energy density. All devices are available in two sizes: UP16-QED with a 16 mm Ø aperture for small beams, and UP52-QED with a 52 mm Ø aperture for large beams.

The modular design allows customers to choose the cooling unit (simple convection, heatsink, forced air or water-cooled) to reach up to 300 W average power. There also are various output options: Users may connect the detector to one of Gentec-EO's displays and PC interfaces with the standard DB15 output, or choose an all-in-one detector with integrated meter for other output choices such as USB, RS-232 or wireless (Bluetooth).

More Information

www.lasercomponents.com/de-en/measurement-devices/systems-used-to-analyze-laser-beams/

Trade Shows

Sensors Expo & Conference, June 25 – 27, 2019, San Jose, CA, USA, **Booth 419**
LASER World of PHOTONICS, June 24 – 27, 2019, Munich, Germany, **Booth B3.303**
SPIE Optics+Photonics, August 13 – 15, 2019, San Diego, CA, USA, **Booth 425**
ECOC, September 22 – 26, 2019, Dublin, Ireland, **Booth 337**
Photonex Europe, October 09 – 10, 2019, Ricoh Arena, Coventry, UK, **Booth D15**

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 230 employees worldwide.