

Stop! To Here and No Farther

Water-cooled Beam Dumps for High-Power Lasers

The trend toward higher and higher laser power has continued for years – and not just in material processing. The creation and transmission of laser power in the kW range and its controlled blocking presents a challenge that should not be underestimated.

Gentec-EO faces this challenge with its new BD series of water-cooled beam dumps. There are two versions available: for up to 4 kW and 12 kW of laser power; both versions have an active aperture of 100 mm in diameter.

These beam dumps feature a very compact footprint because they are mechanically almost identical to the HP100A series of high-power detectors. Even the absorber material used is identical – for a damage threshold of up to 16 kW/cm².

To eliminate any disturbing, diffuse back reflections, these BD series beam dumps can also be equipped with a shielding tube that is optimized for the appropriate application. The beam dumps are available at LASER COMPONENTS.

More Information

<http://www.lasercomponents.com/de-en/product/beam-dumps/>

Trade Shows

BIOS 2016, Feb. 13-14, 2016, Moscone Center, San Francisco, USA, **Booth 8939**
Photonics West 2016, Feb. 16 - 18, Moscone Center, San Francisco, USA, **Booth 2023**
DCS 2016, Apr. 19 - 21, 2016, Baltimore Convention Center, USA, **Booth 542**
analytica, May, 10-13, 2016, Messe München, Germany **Stand A2.500**
Sensor + Test, 10. - 12. Mai 2016, Messe Nürnberg, Germany, **Halle 1, Stand 256**

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 200 employees worldwide.