

### Flexible Submodules with BreadBoxes

## Optomechanical Structures in Three Dimensions

LASER COMPONENTS offers a new mounting system that allows optical alignment in three dimensions, an addition to the BreadBox optomechanics family from 3D Optix. Its modular concept comprising floor/ceiling elements, walls and extension parts is easy to use and understand. Any complex structures that take up considerably less space than conventional optical tables, can be assembled in a short time.

The BreadBox platform is suitable for optical elements with standard sizes (0.5"/1"/1.5"/2" or 12.5mm/25mm/37.5mm/50mm) and compatible with standard optomechanical components. For maximum accuracy and stability, all optomechanical elements and adapters are positioned with dowel pins and clamped with additional screws for fixing. Once installed, individual structures can even be removed without affecting the alignment of the overall system. For example, submodules such as delay lines can be set up, which can be inserted into an assembly and removed again as required without additional adjustments.

The manufacturer also offers bundles for frequently required assemblies such as interferometers, autocorrelators or a pump-probe delay section. In addition to the basic elements, these bundles also contain mirror mounts and all the other components for these structures.

### More Information

<https://www.lasercomponents.com/us/product/breadboxes/>

### Trade Shows

**Vision**, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**  
**electronica**, November 13 - 16, 2018, Munich, Germany, **Booth B3.524**  
**SPIE Photonics West**, February 05 - 07, 2019, San Francisco, USA, **Booth 1751**  
**ATX West Automation**, February 05 - 07, 2019, Anaheim, CA, USA, **Booth 4166**  
**BREKO**, March 27 - 28, 2019, Wiesbaden, Germany  
**Automate**, April 08 - 11, 2019, Chicago, IL, USA, **Booth 8536**  
**SPIE DCS**, April 16 - 18, 2019, Baltimore, MD, USA, **Booth 524**  
**ANGACOM**, June 04 - 06, 2019, Cologne, Germany  
**Sensors Expo & Conference**, June 25 - 27, 2019, San Jose, CA, USA, **Booth 419**  
**LASER World of PHOTONICS**, June 24 - 27, 2019, Munich, Germany  
**SPIE Optics+Photonics**, August 13 - 15, 2019, San Diego, CA, USA

### 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 220 employees worldwide.