

STRAIGHTliner ECO

Simple Alignment with the Precision of a Laser



In mechanical engineering straight axes and rails and the alignment of machine parts are both prerequisites for proverbial "smooth operation" in production. Measurement and setup can be a time-consuming undertaking for the skilled specialist but not so with the STRAIGHTliner ECO.

LASER COMPONENTS' alignment system is straightforward with its user-friendly operation. A precision laser generates a reference line in the room and an electronic receiver, which is moved along this line, displays the distance to this reference at an accuracy of better than 1/10 mm.

LEDs illuminate in green, orange, and red, the colors of which represent the graduating horizontal and vertical tolerance ranges. The smallest sector represents a diameter of 8/100 mm. To see the display even at larger distances, the LEDs illuminate extra bright. The continuous display of the measurement values makes live monitoring of alignment easy. Consisting of a precision laser and a receiver – both of which are battery-operated components – this system can be set up within seconds and is immediately comprehensible, even for completely unskilled users.

More Information

<http://www.lasercomponents.com/de-en/measurement-devices/measurement-instruments/laser-alignment-systems/>

Trade Shows

DSS 2015, Apr 21-23, 2015, 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, **Booth 10.2/J35**
Sensors Expo & Conference 2015, Jun 9-11, 2015, Long Beach Convention Center, CA, **Booth 924**
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.