

### A New Star in the Cleaver Heavens

## ProCleave LD™ – Inexpensive and Suited for Fibers up to 550 µm



LASER COMPONENTS introduces the new ProCleave LD™: it is specified at up to 550 µm, but it can still cleave many fibers that have a diameter of 600 µm. Thus, it is ideally suited for use in the production environment and the laboratory, both in laser production and in medical and sensor technology.

Special attention was paid to the development of a cleaver that is easy to use, has high processing speeds, and is reliable. Due to its small footprint of just 10 cm x 15 cm, it can be easily integrated into existing splicing stations and work stations. It is also battery operated for mobile use.

The principle is quite simple: The fiber is subjected to a specified amount of longitudinal tension and cleaved using a diamond blade. The cleaving angles achieve <math><0.5^\circ</math> at a very good reproducibility. The integrated backstop makes it possible to achieve very good cleave results even with the more difficult double-clad and structured fibers. The pulling force can be continuously adjusted.

### More Information

<http://www.lasercomponents.com/de-en/product/automatic-cleaver-for-large-core-fibers/>

### Trade Shows

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  
 Anga Com 2015, Jun, 09 - 11, 2015, Messe Köln, Germany  
 LASER. World of Photonics 2015, Jun, 22 - 25, 2015, Messe München, Germany

### 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.