

Multifunction Polarization Controller

MPC-203 – High-Speed Scrambling

With its new MPC-203 multifunction polarization controller, General Photonics presents a high-precision device for generating and adjusting polarization states in optical fibers. When it comes to depolarization, this high-speed device shows what it is capable of: It reaches up to 780,000 revolutions/s in tornado scrambling mode, which is more than ten times the speed of its predecessor, MPC-202. Tornado scrambling is a proprietary algorithm developed by General Photonics and provides highly efficient scrambling at a quasi-uniform change rate.

As a polarization controller, MPC-203 allows for manual adjustment of different characteristics, such as speed and waveform. It can also be used to create deliberately random polarization states. Laboratories use polarization controllers to characterize components or to evaluate the performance of sensor systems and fiber-optic interferometers. The results are of crucial importance in optical communications and fiber optic sensor technologies.

LASER COMPONENTS sells polarization controllers of the MPC-20X series in German-speaking countries.

More Information

<https://www.lasercomponents.com/de-en/product/polarization-controller-and-stabilizer/>

Trade Shows

SPIE Photonics West, January 30 - February 01, 2018, San Francisco, CA, USA, **Booth 1931**
MD&M West, February 06 - 08, 2018, Anaheim, CA, USA, **Booth 3593**
Breko Glasfasermesse, March 13 - 14, 2018, Messe Frankfurt, Germany
EuroExpo, March 21 - 22, 2018, Trondheim, Norway, **Hall E**
analytica, April 10 - 13, 2018, Messe München, Germany, **Booth A2.500**
The Vision Show, April 10 - 12, 2018, Boston, MA, USA, **Booth 410**
SPIE Defense & Commercial Sensing, April 17 - 19, 2018, Orlando, FL, USA, **Booth 1029**
SPIE PHOTONICS Europe, April, 24 - 25, 2018, Strasbourg, France, **Booth G325**
Scandinavian Electronics Event, April, 24 - 26, 2018, Kistamässan, Sweden, **Booth C08:49**
LaSys, June 05 - 07, 2018, Messe Stuttgart, Germany, **Booth 4C33**
ANGACOM, June 12 - 14, 2018, Messe Köln, Germany
automatica, June 19 - 22, 2018, Messe München, Germany, **Booth B5.501**
Sensor+Test, June 26 - 28, 2018, Messe Nürnberg, Germany, **Booth 1.256**
Sensors Expo & Conference, June 27 - 28, 2018, San Jose, CA, USA, **Booth 225**
SPIE Optics+Photonics, August 19 - 23, 2018, San Diego, CA, USA, **Booth 527**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 - 16, 2018, 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 220 employees worldwide.