



Optatec – Frankfurt, Germany

May 15-17

An advanced look at the products, trends and technologies being presented.



Education, Technology at the Heart of Optatec 2018

The Frankfurt (Germany) International Exhibition Center biennially hosts some of the world's top innovators who showcase their work and products at the Optatec International Trade Fair. To be held May 15-17, this event highlights the latest optical technologies, components, and systems in areas such as optomechanics and laser components. Products and systems to be demonstrated will target those in development and production roles, in addition to the industrial and manufacturing sectors.

This year, more than 500 exhibitors from around the world will fill the exhibition center to unveil, display, and demonstrate their technologies and innovations. Supplementing the exhibition will be a number of lectures and panel discussions featuring industry experts and researchers from academia and industry.

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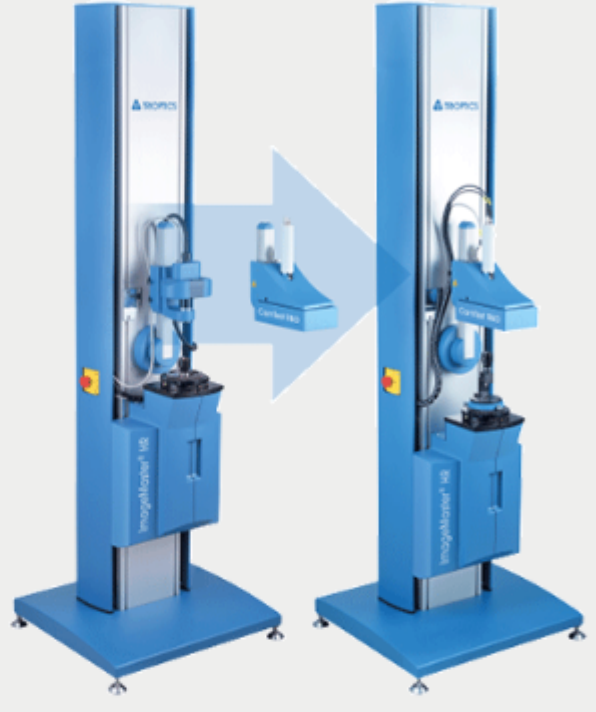
Featured Exhibitors

IM[®] HR With CamTest R&D Upgrade

From: TRIOPTICS GmbH

TRIOPTICS provides customers maximum versatility offering a combined R&D test system for objective lenses and camera modules. The system is based on the ImageMaster[®] HR - the industry standard for image quality testing of objective lenses. An upgrade converts the system quickly into CamTest R&D. Measurement parameters: determination of MTF, EFL, distortion, field curvature, chromatic aberrations, etc. Additional functions for camera modules: determination of shift, tilt and defocus of the sensor.

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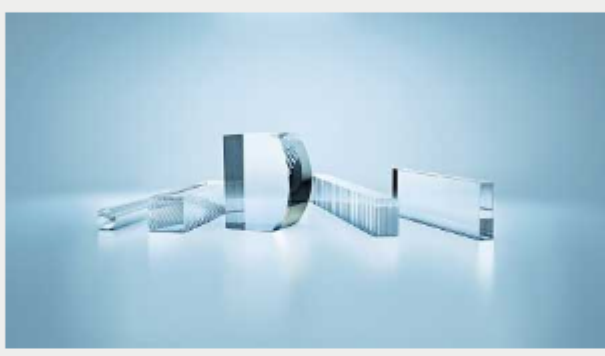
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Collimation & Beam Shaping Optics

From: FISBA AG

Diode lasers are robust laser sources and when integrated with FISBA's optical components, high quality laser beam output can be ensured. FACs collimate output beams in the fast axis, but should be combined with other micro-optical components for optimum performance. FISBA offers acircular cylindrical Slow Axis Collimators (SACs) for single emitters, SAC arrays for multi-emitters, and preassembled components, like the FISBA Beam Twister[™].



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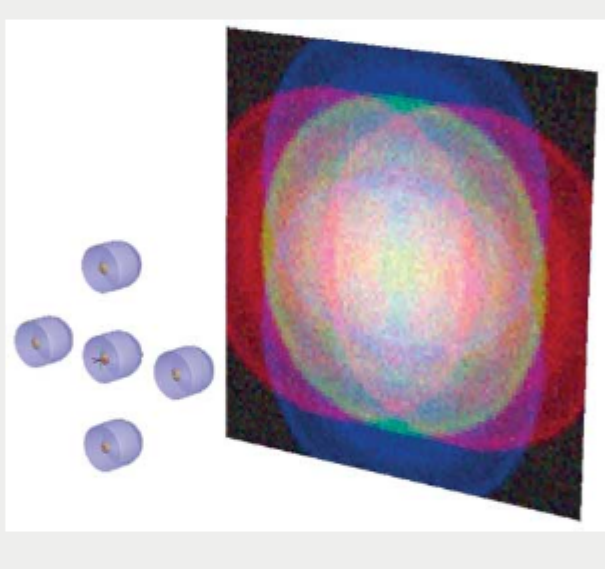
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FRED^{MPC}

From: Photon Engineering LLC

Unleash your engineering creativity and inquisitive mind with FRED^{MPC}. Predict performance with higher confidence by tracing orders of magnitude, more rays, through your system. Experiment by varying more parameters to find the optimum hardware configuration. Ask more "What if...?" questions. Investigate a larger trade space in a fraction of the time. Run more analyses at higher fidelity than ever before. It's all possible with FRED^{MPC}.



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Meridian[®] FLEX Camera Testing Platform

From: Optikos Corporation

Meridian[®] FLEX provides camera manufacturers and integrators with a powerful tool that's flexible enough for the R&D lab and fast enough for production camera testing. A high-speed, high-precision robot can place a target at any specified field point in a variety of different instrument configurations — ideal for short focal length, small aperture cameras commonly found in cell phones, web cams, drone surveillance systems, and automobiles.



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New Goniometer GONIOMAT A^{plus}

From: Moeller-Wedel Optical GmbH

MOELLER-WEDEL OPTICAL is announcing the fully automatic Goniometer GONIOMAT A^{plus} for high-precision angle measurement of optical prisms, polygon mirrors, wedges and angle gauge blocks. Besides the GONIOMAT A^{plus}, MOELLER-WEDEL OPTICAL will present at OPTATEC the Interferometer line VI-direct, the compact Goniometer GONIOMAT-M, the ELCOMAT line of Electronic Autocollimators, Focometer MELOS 530, Lens Centration Measurement Station CIFOS and inform about DAKS calibration service, provided by the company.



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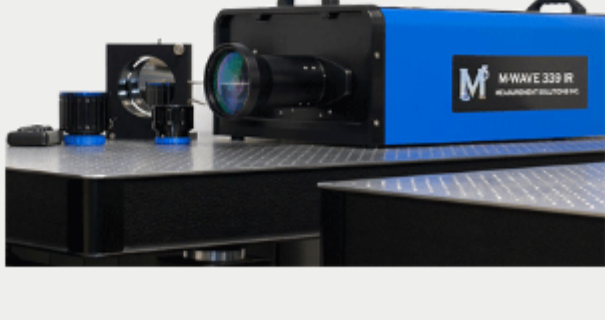
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M-Wave 339 IR Interferometer

From: M3 Measurement Solutions Inc.

The M-Wave 339 is a state-of-the-art Infrared Interferometer operating at 3.39 micrometers. It is the ideal instrument for testing mid-wave infrared imaging components/systems and optical material homogeneity.

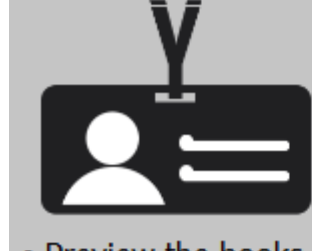


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