Tuesday, January 5, 2021

sneak PREVIEW

PHOTONICS MEDIA photonics.com

Photonics Spectra Conference 2021

PHOTONICS spectra CONFERENCE 2021

Photonics Spectra Conference to Highlight Innovations in Lasers, Optics, More

The first Photonics Spectra Conference is set for Jan. 19-22, featuring over 70 webinar presentations in four tracks: lasers, optics, biomedical imaging, and spectroscopy. Each day-long program will feature a keynote address and sessions highlighting the latest in applications, industry trends, and technological development, with expert insights from across academia and industry. There is also a Supplier Showroom where companies can promote products and services like the ones below. Register for **FREE** today!

Register Now

Featured Exhibitors

Laser Beam Profiler Finder

From: Ophir, Photonics

Choosing a laser beam profiler means deciding on a camera type, attenuator model, maybe beam expander or beam reducer, and fitting them together so they work. You might even have a diverging beam, or a converging beam that you want to measure the focal spot. The Ophir Beam Profile Finder helps you choose which profilers are most cost effective, give the best results, and are easiest-to-use. Try now!

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High-Performance IR Detectors

From: Boston Electronics Corporation

Boston Electronics offers fast, high-performance infrared detectors from the leader, Vigo System. Products include >1 GHz sensors, linear arrays, affordable chip-on-board modules, and III-V epitaxial foundry services. Detectors (MCT or III-V) are room-temperature or TE-cooled and have nanosecond time constants. Detectors with preamplifiers, controllers, and software provide turnkey capability for your most important measurements. Affordable OEM modules can be designed to your volume application and packaging requirements.

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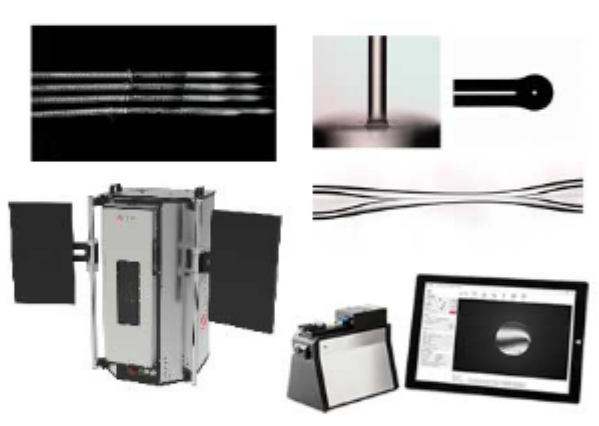
Glass Processing and Automation

From: NYFORS Teknologi AB

The NYFORS SMARTSPLICER is a CO_2 laser glass processing system designed for the production of high-power and sensitive photonics components. It offers contamination-free splicing and tapering, bundling, and many other glass shaping processes. NYFORS provides automated high precision solutions for fiber preparation such as stripping, cleaving, recoating, cleave quality inspection, proof testing, and analyzing. We also offer custom work cell automation solutions for quality splicing and preparation tasks.



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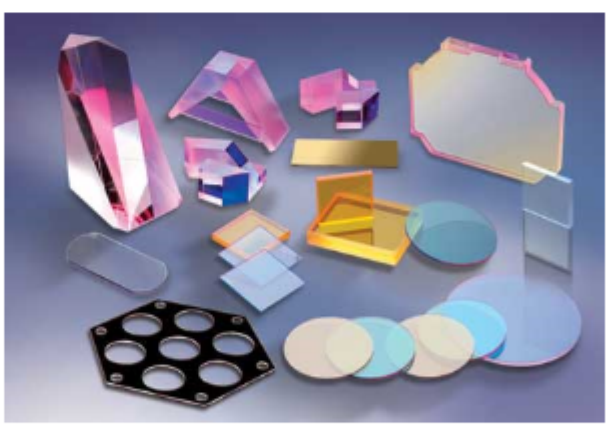
Complete Turnkey Optical Solutions

From: Precision Glass & Optics (PG&O)

PG&O provides precision glass, fabricated optics, thin-film optical coatings, plus complete optical solutions for medical, military, and industrial applications. The company now offers highly-durable, thermal- and scratch-resistant sapphire optics operating from visible to infrared wavelengths, making them ideal for use in lasers, LEDs, imaging, fiber optics, and more. PG&O also provides finished infrared (IR) optics on a variety of substrates that operate from the near-infrared out to the long-wave infrared spectrum.



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Optical Detection System: COVID-19

From: OZ Optics Limited

This system is used to detect viral and bacterial DNA/RNA including COVID-19, Ebola, E. coli, Cholera, Salmonella, etc. using LAMP method. It is cost effective and rapid testing with less than 30 minutes measurement time. The user can test up to 8 samples simultaneously with upgradable 96 samples version at a time. Wireless communication to smart phones and computers is available.

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