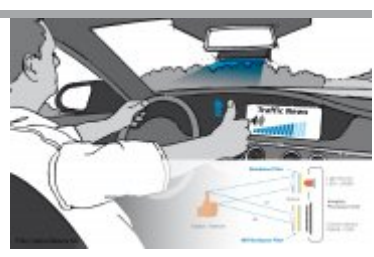
Optics Balzers News - 18.11.2014

Project New Building Jena

Thanks to reliable construction companies and supported by the mild weather, the construction of the new company building is well underway. The topping-out was celebrated with construction workers and employees on 4 April, and now the interior construction is proceeding at full speed. The building is scheduled to be finished by November, and the entire company will move to the new location between December and January. After a phase of commissioning and qualification, production will begin in the new facility in January 2015.

Take an eye on the pictures or the trailer «Richtfest» (only in German available).

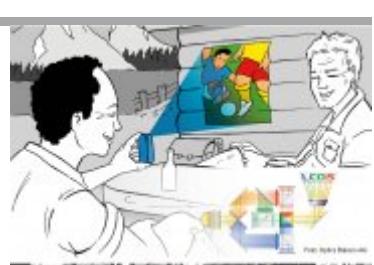
Narrow Bandpass Filters for Gesture Recognition Systems



Optics Balzers launches its new Narrow Bandpass Filters in the near infrared (NIR). These filters are special developped for the use in TOF cameras where a wide field of incidence angle and high performance blocking is necessary.

more information

High volume production of Polarizing Beamsplitters (PBS) for Pico Projectors & Near-Eye Applications



Optics Balzers has developed a unique manufacturing concept for the cost-efficient production of PBS. Those PBS are used in pico projectors & near-eye applications (smart glasses).

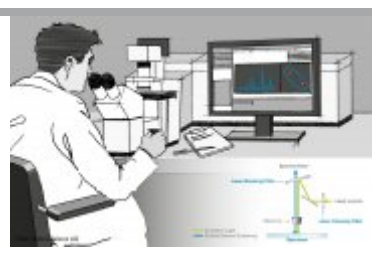
The manufacturing concept, which is designed for large-scale production (starting at 10,000 pcs. per month) will predominantly, but not only, be used for PBS with a side length of up to 15mm.

Depending on customer requirements, the PBS can be fitted with a black chrome coating in addition to the usual coatings and cementing in order to reduce stray light effects.

If desired by the customer, Optics Balzers also offers the possibility for other optical components (e.g. lenses) to be cemented with the PBS.

more information

Filters for Raman spectroscopy



Optics Balzers produces optical filters for Raman spectroscopy with the help of a new process called plasma-based reactive magnetron sputtering.

The product range includes steep-edge filters, notch filters, and narrow-band filters fulfilling the highest spectral requirements. The filters are characterised by extremely steep edges, high transmission in the pass range as well as deep and, if necessary, broadband blocking characteristics. In addition to filters for widely used excitation wavelengths, customer-specific filters for special lasers can be produced. High coating rates and large batch capacities allow for a coast-efficient manufacturing process.

Items for Raman detection at 266, 355, 405, 532 and 1064 nm are available for sampling.

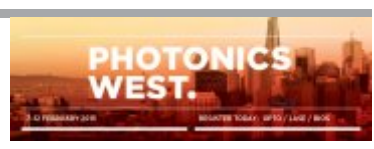
more information

CorrSlide™ - Correlative Microscopy Coverslip with high transmittance transparent conductive oxide layer and high precision fiducials

Optics Balzers together with an university partner has successfully developed and launched a coverslip for correlative microscopy applications. High transmittance, cell cultures compatible transparent conductive oxide coating and high precision fiducials enable acquisition and overlaying of images of exactly the same region of interest from different microscopy platforms, giving user structural and functional information of a specimen on just one picture. They can be applied for variety of microscopy analyses for example in Biophotonics or Material Science fields.

more information

Our next Event



SPIE BiOS / Photonics West 2015

Several months have gone by since this year's Photonics West. Here you will find a review of the trade fair and our stand this year. You won't have to wait very long for the next event – BiOS/Photonics West 2015 starts on 7 February in San Francisco. Visit us there between 7 and 12 February and get some individual advice. We look forward to your visit!

Further information regarding our attendance of trade fairs will be posted regularly at www.opticsbalzers.com/event. Take a look!

News from Marketing

The following brochures and datasheets are available now:

Brochures

- Laser, Space & Defence – Optical Solutions for Laser, Space and Defence Applications

Datasheets

- Raman Filters - Optical Filters for Raman Spectroscopy
- CorrSlide™ - Correlative Microscopy Coverslip, ITO coated, with high precision fiducials
- NotchTune™ - Tunable Narrowband Single-Notch Diffraction Filter
- Narrow Bandpass Filters for Gesture Recognition Systems – NIR Bandpass Filter with Low Angle Dependency and High Performance Blocking

Annual Closing

Optics Balzers AG, Site Balzers in Liechtenstein will be closed from December 20, 2014 to January 6, 2015 due to annual closing.