



Innovative Optical Solutions for Product Development and Manufacturing

Dear Sir or Madam,

How close will a simulation model approach reality? This can only be revealed by testing, where fast and precise tools are necessary to provide the experimental data needed for the assessment and optimization of the model. Regarding vibration and acoustic testing, our range of vibrometers will continue to meet our customers' current and future needs. Please read on to learn about innovative solutions and many interesting applications of Polytec's optical measurement systems as well as new machine vision equipment.

We would like to say thank you for your interest and confidence this year, and wish you all the best for a wonderful holiday season and a very happy new year of good fortune and success.

With Best Regards,
Your Polytec Team

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New InFocus Issue: Simulation and Modal Analysis

Polytec's InFocus Magazine provides the latest information on innovative products and applications from our customers. Please read the newest issue to learn about simulation studies on industrial robots, ultrasonic drilling tools and machining equipment, about new products and much more. [More Info](#)



Free Online Seminars about Optical Measurement Systems

Are you interested in special topics such as NVH troubleshooting, dynamic characterization of MEMS, high-precision surface metrology, and many others? Just register and attend our free webinars at the Polytec Web Academy. [More Info](#)

Innovative Products and Optical Measurement Applications



Remote Vibration Sensing at High Speed and High Frequencies

With a new controller featuring a max. velocity of 24 m/s and a bandwidth of 2 MHz, the RSV-150 Remote Sensing Vibrometer, designed to measure vibration and displacement from remote distances, expands its applications e.g. in ultrasonic NDE or high speed pyroshock testing. [More Info](#)



New Polytec Whitepaper: Dynamic Characterization of MEMS

Polytec's latest whitepaper "Optical Measurement Techniques for Dynamic Characterization of MEMS Devices" details state-of-the-art optical measurement technologies that are available for full field dynamic response and surface topography measurements of MEMS devices. [Please download the full paper here](#)



Machine Vision: New Ring Light With Aligned Light Output

LATAB, the Swedish specialist in LED illumination for machine vision applications, introduces a new highly homogenous ring light characterized by a 50 degree inward aligned light output. This kind of illumination is used for example for shadow-free lighting of the inside of cylindrical objects. [More Info](#)



Machine Vision: Test and Laboratory Controller for LED Lighting

LATAB has developed a combined continuous lighting and strobe mode controller for test and laboratory applications. It features perfect adaption of LED lighting for your specific application within a very short time – simply by using the infinitely variable control button on the controller. [More Info](#)

Seminars & Trainings

For an in-depth view of our technology, please register for user training, a seminar or complimentary presentation. Contact your local Polytec representative for more details about upcoming events.

Polytec Web Academy

04.12.2012 **Go ahead with optical, non-contact Length and Speed Measurement in your production process**
Online - 10:00-11:00 Central European Time
[More Info](#)

13.12.2012 **Accelerate Your Design Process: Optimizing NVH/Modal Testing and FE Correlations with 3-D Vibration Mapping System**
Online - 10:00-11:00 Central European Time
[More Info](#)

Trade Shows & Conferences

04.12.2012 - 06.12.2012 **Seed Expo 2012**
Booth 636
Hyatt Regency, Chicago, USA
[More Info](#)

10.12.2012 - 11.12.2012 **Netherlands MicroNano Conference '12**
De ReeHorst Ede, The Netherlands
[More Info](#)

20.01.2013 - 24.01.2013 **MEMS 2013**
Booth C
Taipei International Convention Center, Taipei, Taiwan
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23.01.2013 - 25.01.2013 **IFPAC**
Booth 113
Baltimore Marriott Waterfront, Baltimore, USA
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Polytec has delivered high-performance light-based sensors, measurement solutions and instruments for R&D, industrial, medical, automotive, MEMS, data storage, semiconductor, photonics and aerospace markets for 40 years. Offering solutions in electro-optical instrumentation, Polytec's commitment to "Advancing Measurements by Light" has earned the company numerous national and international awards. Global sales offices are located throughout Europe, the United States and Japan.

For more information, please visit www.polytec.com/worldwide

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