

Press Release

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Polytec Receives Innovation Award

The German state of Baden-Württemberg has awarded a prize for innovation to Polytec, the measurement specialist from Waldbronn.

Polytec received the prestigious Dr. Rudolf-Eberle award from the German State of Baden-Württemberg at Ludwigsburg Palace on December 1st 2014 for development of the MSA-100-3D Micro System Analyzer. This prize is awarded for successful implementation of outstanding technical innovations.

This system measures 3D vibration of microstructures with a previously unattained resolution in the picometer range for all spatial directions. A microscopically small laser spot and 25MHz bandwidth make the MSA-100-3D an ideal measurement instrument for investigating micro-electromechanical sensors and actuators (MEMS) as well as other micromechanical structures.

Precise data output of the MSA allows developers and researchers to, for example, optimize micro-electromechanical components of smartphones or vehicles, and reduce development time.

Polytec GmbH has been developing, producing and distributing laser-based optical non-contact measurement technology for industry and research for over 40 years. Polytec instruments help analyze mechanical vibrations, record process-focused velocity and length data as well as determine surface properties and material spectral characteristics. Moreover, Polytec is partnered with internationally leading manufacturers for distribution, application and service of photonic products and optical solutions.

Publication free of charge

For questions please contact
Christina Petzhold
Tel. +49 (0)7243-604-3680

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The focus there is on industrial image processing, optical telecommunications, spectral measurement technology, optical radiation measurement technology as well as laser and electro-optical test systems. Polytec was founded in Waldbronn near Karlsruhe in 1967, has today more than 350 employees worldwide, and maintains subsidiaries in Europe, North America and Asia.



Image source: Jörg Jäger

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