

Press Release



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Enclosure: 1 jpg.
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Characterization of Ultrasonic Actuators

In order to facilitate the validation of Finite Element Models of ultrasonic (US) actuators in medical and industrial applications Polytec expands its offer of non-contact vibration measurement systems by a high frequency and high amplitude model. To enable an effective and save design of US tools the new scanning laser Doppler Vibrometer PSV-400-M4-S provides full-field data also of tiny components. Deflection shapes and response functions are acquired automatically in minutes with high precision and with no side effect to the specimen. The integrated visualization shows directly where and how US energy is coupled into the transducer. In addition the system allows the visualization of sound fields e.g. of parking sensors by means of the refracto-vibrometry

More on: www.polytec.com/scanning

Publication free of charge

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