

# Press Release

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## Industry Award „Fibre de l’Innovation 2009“ for the new Ultra-High-Frequency Vibrometer UHF-120 from Polytec

For its new UHF-120 Ultra High Frequency Vibrometer, Polytec has received the “Fibre de l’Innovation 2009” award for Industrial Innovation from Opticsvalley, an important French society promoting photonic technology. Mr. Philippe Brégi, Opticsvalley President, presented the award to Florent Deux from Polytec France on December 3.

The UHF-120 vibrometer is designed to characterize mechanical motions at frequencies up to 1.2 GHz, enabling the precision examination of high frequency RF-MEMS or ultrasonic transducers. Even structures such as nanoelectromechanical systems (a nano-sized cousin to MEMS) can be characterized with high lateral resolution at high frequencies and short acoustic wavelengths. For example, Surface Acoustic Wave (SAW) filters can be examined at high spatial frequencies due to the small focal spot size of the UHF-120 laser beam. In addition, the capability to resolve high velocities permits the characterization of high-intensity, focused ultrasound transducers. Finally, to facilitate precision characterization, the UHF-120 vibrometer can be integrated into a variety of wafer probe stations including vacuum probe stations.

More information: [http://www.polytec.com/eur/158\\_11425.asp](http://www.polytec.com/eur/158_11425.asp)



Publication free of charge

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