## Contact

Assure a solution to your most demanding dynamic, vibro-acoustic and surface metrology requirements by contacting your local Polytec subsidiary or representative. Learn more about Polytec products and our Measurement Services Program that makes "Advanced Vibration, Modal and Topography Measurements Available to Everyone".

Our network of application engineers are ready to discuss your measurement requirements. They will show you how innovative vibration, velocity and topography measurements can help simplify and improve your results.

Call today to speak to your local Polytec application engineer or send an e-mail. Please see address list for contact details.

Polytec Web Academy

Learn about optical metrology online. Register for a free Web Academy seminar at **http://polytec.webex.com**

For the latest information including new and exciting programs visit **www.polytec.com/services**



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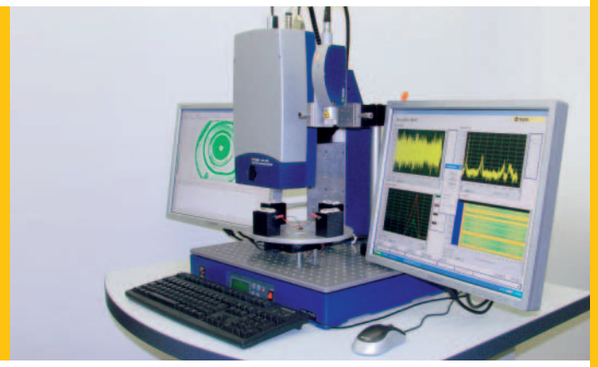
### Customer Training Classes and Seminars

**Polytec offers comprehensive product trainings to its customers to impart and enhance basic knowledge of the measurement theory, equipment and software, enabling the user to work with the systems more efficiently and perform challenging applications with ease.**

In this regard, Polytec application engineers conduct training classes at sites around the world – either as on-site customer specific trainings or within the framework of one of the customer training classes regularly scheduled in North America, Europe and Japan.

The customer specific option exhibits the highest degree of flexibility to address the users' needs and fit within their schedule, the second option provides the invaluable opportunity to meet and exchange experiences with other users of Polytec equipment.



### Polytec at Your Service

Polytec encourages precision vibration and topography measurements through a variety of programs besides direct sales, including measurement services, system rentals, user trainings, extended warranties and repair & calibration services. These special services are intended to broadly support and simplify our users' measurement tasks, improving their access to quality data.

### About Polytec

Polytec is the global leader in the design, manufacture and sale of optical measurement systems for precise and sophistiated characterization of macro and microstructure dynamics and high definition metrology. Polytec has been ISO-9001 certified since 1994, at last according to DIN EN ISO 9001:2008. Our high degree of innovation is validated by many national and international awards.

# Polytec at Your Service

**Making Advanced Vibration, Modal and Topography Measurements Available to Everyone**

*Advancing Measurements by Light*

# Measurement Services
## and System Rentals

Now scientists and engineers with modal, vibration and topography measurement requirements can benefit from Polytec's latest, non-contact measurement technology.

**Advantages:**

- Access to the latest, specialized measurement technology, improving the quality of the data and leading to a better understanding of the structure under test
- Fast response to short-notice, critical characterization requirements, eliminating the long procurement cycle for a capital purchase
- Solves the "occasional" measurement dilemma where precise data must be acquired but the infrequent utilization cannot justify an equipment purchase
- Extended product evaluations allow the measurement solution to be refined prior to purchase

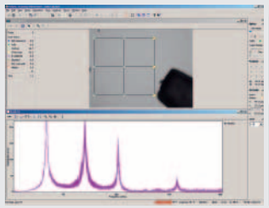

# Test Facilities:
## Our Lab or Yours

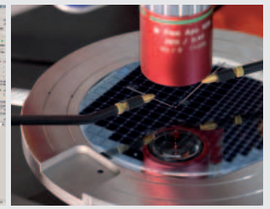
Tests may be run at the customer's facility or in one of Polytec's major test labs in North America (Detroit, Los Angeles and Boston), Germany and Japan, with further facilities in the UK and France.

Under the program, test structures can be characterized using a wide choice of measurement equipment including 1-D and 3-D scanning laser vibrometers, robot-supported structural test stations, single-point vibrometers, microstructure (MEMS) analyzers and surface metrology measurement systems. The measurement techniques are non-contact, non-destructive, work on most surface finishes, eliminate mass-loading, improve data accuracy and minimize contact transducer mounting, wiring, and signal conditioning, hence considerably speeding up tests.

Not only is this Program extremely affordable, it provides, if needed, the expert advice and skill of a Polytec applications engineer for operating the measurement system, guaranteeing fast measurements and high precision data.

Vibrometer systems characterize virtually anything that moves with velocities up to 30 m/s, frequencies up to 24 MHz, and displacements as small as picometers. When operated by a Polytec Application Engineer, comprehensive measurement results are furnished to the customer and may include frequency response functions, operational deflection shapes, time and frequency domain response, 3-D motion vectors, in-plane and out-of-plane MEMS dynamics, structural geometry and surface topography. Data can be exported in several formats for further processing such as FE correlation, modal analysis and order analysis.





**Calibration and Repair**

Regular vibrometer calibration insures a high level of data quality, critically important for many applications in industry, science and medicine. Polytec service engineers ensure fast and efficient equipment calibration that is traceable to national and international standards that are ISO/IEC 17025 compliant. The measurement results are referenced to the HeNe laser wavelength due to its accuracy and stability. The performance of Polytec digital vibrometers is so outstanding that they can also be used as a reference standard in primary calibration systems for shock and vibration transducers.

Equipment repairs are infrequent but when needed are done by experienced service engineers in close cooperation with Polytec's development and manufacturing departments.

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