



attocube systems and Quantum Design International announce strategic collaboration

San Diego, CA; July, 23rd 2009. – attocube systems and Quantum Design are pleased to announce a strategic relationship to promote and distribute attocube's new scanning probe microscopes designed specifically for the PPMS from Quantum Design. This collaboration expands technology reach and provides both new and existing PPMS customers, easier access to additional measurement and characterisation techniques.

attocube systems AG, based in Munich, have agreed on an exclusive distribution arrangement with L.O.T.-Oriol of Darmstadt, Germany (Quantum Design's European distribution organization) for the **attoSPMxs** microscope range that has been developed for the Quantum Design Physical Property Measurement System (PPMS). The agreement covers distribution of these products in all of Europe, Central Europe and Russia. Distribution of products in other countries around the world will also roll out through other Quantum Design subsidiary offices in the near future.

attocube systems offer the capability to perform a wide range of scanning probe measurements, expanding the already broad range of techniques provided by the Quantum Design PPMS. attocube systems technology enables optical microscopy/spectroscopy in the PPMS through the **attoCFMxs** Confocal Microscopy System and Atomic Force Microscopy and Magnetic Force Microscopy through the **attoAFM/MFMxs**. The speed and flexibility of the PPMS, coupled with the innovative design of the attoSPMxs, highlights the strengths of the two companies. The integration of the attocube microscopes with the QD PPMS system will provide important capabilities for scientists and researchers around the world who need surface measurement capabilities at the low temperature and high magnetic field environments offered by the PPMS.

Further developments are planned to cover Scanning Hall Probe Microscopy (SHPM) and Scanning Near Field Optical Microscopy (SNOM) in the PPMS – already a technique available through attocube systems in a 2" configuration. Product development will continue in collaboration with Quantum Design's research headquarters in San Diego and all PPMS-related microscopes will be distributed under the new agreement.

In Europe, please contact your local LOT-Oriol representative for information on the PPMS SPM by attocube. For regions other than Europe, please contact QD-San Diego.

About Quantum Design

Founded in 1982, Quantum Design is a privately held corporation that develops and markets advanced technology cryogenic systems and instruments for the scientific community. Quantum Design is widely recognized as the leading commercial source for integrated laboratory analytical systems incorporating superconducting technology. In addition, through its strong R&D focus and direct foreign offices in the world's major technology markets, QD has developed a worldwide distribution channel for research-based instruments developed by other technology leaders.

About Attocube

attocube systems, a German company located in Munich, manufactures and provides ultra-high precision spatial positioning systems and complete probing tools particularly suitable for extreme environmental conditions, including Scanning Probe Microscopes and components.