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RESOURCE GUIDE 12 HIGHLIGHTS

TMC'S PRECISION VIBRATION ISOLATION SYSTEMS

Peabody, MA, January 24, 2012—Technical Manufacturing Corporation (TMC), a unit of AMETEK, Inc., and a world leader in high-performance vibration isolation systems, has released its comprehensive [Resource Guide 12](#), highlighting the company's expanded line of Precision Floor Vibration Isolation Systems, Optical Tables, and Magnetic Field Cancellation Systems. Featured are piezoelectric active vibration cancellation products based on its patented STACIS® technology. In addition, the Guide details TMC's many standard products and their recommended applications.

TMC offers a wide array of vibration isolation [products](#) from simple, inexpensive desktop isolated microscope bases, to virtually any size optical table, to STACIS® active vibration cancellation systems employing vibration sensors, piezoelectric actuators, and digital controllers. Highlighted are its [recent innovations](#) including STACIS® iX SEM-Base™ floor platforms for SEMs, STACIS® iX Stage-Base™ frame mountable vibration cancellation systems, STACIS® iX LaserTable-Base™ hybrid piezoelectric/air active vibration cancellation systems, and Mag-NetX™ magnetic field cancellation systems. A technical background section serves as a primer on vibration control.

TMC designs and manufactures precision vibration isolation systems for sensitive research and manufacturing processes worldwide. The ISO 9001:2008-certified company's products include active and passive vibration isolation systems; optical tops, optical table systems, and breadboards; laboratory tables and table top platforms; floor platforms; magnetic field cancellation and electric field shielding systems; and acoustic enclosures.

TMC was acquired by AMETEK earlier this year and is now a unit of AMETEK Ultra Precision Technologies, a pioneer in the development of ultra precision measurement instruments and a global leader in ultra precise machine tools and manufacturing systems for the semiconductor, photovoltaic, nanotechnology, military, defense and ophthalmic lens markets. AMETEK, Inc. is a leading global manufacturer of electronic instruments and electro-mechanical devices with annualized sales of \$3.0 billion.

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