

FOR IMMEDIATE RELEASE

Mass Spectrometry

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Thermo Fisher Scientific Introduces New MALDI LTQ XL Mass Spectrometer with ImageQuest Software for Tissue Imaging

San Jose, CA (March 12, 2008) – Thermo Fisher Scientific Inc., the world leader in serving science, announces the launch of a new, sensitive tissue-imaging platform, combining its Thermo Scientific MALDI LTQ XL™ mass spectrometer with ImageQuest™ software. This platform makes it easier for scientists to analyze whole tissue, biological and polymer samples without extensive sample preparation.

The addition of MALDI (matrix-assisted laser desorption/ionization) to the LTQ XL linear ion trap provides information-rich spectra that are essential for the analysis of digested proteins, peptides and post-translational modifications (PTMs). This tissue-imaging solution provides researchers with unparalleled sensitivity and unmatched MSⁿ spectral quality of linear ion trap technology as well as faster sample analysis, compared with the standard practice of homogenizing and extracting from tissue.

For small molecule applications, the Thermo Scientific MALDI LTQ XL with ImageQuest software offers pathologists and pharmaceutical researchers a complete package for the acquisition and presentation of MS images directly from tissue samples. Intuitive ImageQuest software enables the visualization of imaging data, creating two-dimensional and three-dimensional maps of analyzed tissue for the optimal display of data.

The MALDI LTQ XL instrument provides extensive benefits to research institutions, mass spectrometry service facilities and pharmaceutical laboratories, particularly for drug discovery applications and high-throughput, bottom-up protein identification. The new MALDI LTQ XL with ImageQuest platform is also available for the Thermo Scientific LTQ Orbitrap hybrid series mass spectrometers.

For more information on the Thermo Scientific MALDI LTQ XL mass spectrometer with ImageQuest software, please email analyze@thermofisher.com, call +1 800-532-4752 or visit www.thermo.com/maldi.

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About Thermo Fisher Scientific



Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. With annual revenues of \$10 billion, we have more than 30,000 employees and serve over 350,000 customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings. Serving customers through two premier brands, Thermo Scientific and Fisher Scientific, we help solve analytical challenges from routine testing to complex research and discovery. Thermo Scientific offers customers a complete range of high-end analytical instruments as well as laboratory equipment, software, services, consumables and reagents to enable integrated laboratory workflow solutions. Fisher Scientific provides a complete portfolio of laboratory equipment, chemicals, supplies and services used in healthcare, scientific research, safety and education. Together, we offer the most convenient purchasing options to customers and continuously advance our technologies to accelerate the pace of scientific discovery, enhance value for customers and fuel growth for shareholders and employees alike. Visit www.thermofisher.com.

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