

Press Release

A-GB-08012

October 27, 2008

European Mass Spectrometry Award Shimadzu awarded for Exceptional Product Line Strategy

Insight into customer needs and product demands / Wide range of MALDI-TOF, LCMS and GCMS systems

Shimadzu, one of the world's leading developers of analytical instrumentation, has been awarded the 2008 Frost & Sullivan European Mass Spectrometry Product Line Strategy Award. It is presented each year to a company that has demonstrated the most insight into customer needs and product demands. The recipient company should have optimized its product line by leveraging products with the various price, performance, and feature points required by the market.

Shimadzu covers a wide range of MALDI-TOF, LCMS and GCMS systems. The company provides high end, hybrid mass spectrometry (MS) configurations employing quadrupole ion-trap-TOF technology for the MALDI and LCMS markets. In early 2008, new MALDI-TOF models have been launched successfully – the AXIMA series.

“We are very happy to receive this award in Shimadzu Europe's 40th anniversary year”, said Jurgen Kwass, General Manager at Shimadzu Europa, Duisburg/Germany. “Over the last years, the company has

continued to grow in all market segments we offer. Based on new hardware and software developments as well as on interdisciplinary approaches Shimadzu could extent its market shares. To mention just one example: since 2003, our market share in the GCMS segment has doubled.”

Shimadzu MS systems are applied in the chemical and pharmaceutical industries as well as in the clinical diagnostic sector, e.g. bio-marker identification, tissue imaging, DNA and polymer analysis.

“Shimadzu’s easy-to-use MS technology provides high accuracy and sensitivity in proteomics, metabolomics, glycomics, lipidomics and polymer analysis”, said Frost & Sullivan Research Analyst Suraj Ramanathan. “To offer an outstanding solution for the expanding field of microorganism identification by MALDI-TOF technology, third party software such as SARAMIS by AnagnosTec, has been added to the portfolio. Shimadzu’s systems deliver unmatched results in considerably short time spans covering a wide sample range.”

Wide range of MALDI-TOF, LCMS and GCMS systems

The AXIMA platform series adapts to users’ workflows, allowing single sample manual acquisition as well as fully automated data-dependent analysis. In the context of biomarker detection, the data obtained from analysis can be exported to alternative processing packages, enabling comparative analysis using standard data formats. Shimadzu’s flagship MALDI system – the AXIMA Performance – is amongst the most powerful MALDI systems market-wide and it delivers unparalleled mass accuracy coupled with higher confidence in identification.

In the LCMS field, the recent development of the LCMS-IT-TOF, the first mass spectrometer with an ion trap-TOF hybrid configuration, has met with widespread acclaim. Shimadzu’s hybrid systems have been successfully introduced into European markets, creating a

benchmark for metabolite identification, bio-marker discovery and proteomics.

In the GCMS segment, new systems have been launched, such as the MDGC-2010 instrument representing the renaissance of the multidimensional GC method. Shimadzu has been a technological leader in GC and GCMS for years.

Frost & Sullivan Best Practices Awards recognise companies in a variety of regional and global markets for demonstrating outstanding achievement and superior performance in areas such as leadership, technological innovation, customer service and strategic product development. Industry analysts compare market participants and measure performance through in-depth interviews, analysis, and extensive secondary research in order to identify best practices in the industry.



Caption 1: The AXIMA MALDI-TOF mass spectrometer instrument series is targeted at the chemical, biochemical and life sciences research laboratory. The systems are suitable for mass determination of molecules, generation of fragment spectra and high-energy CID MS/MS fragmentations.



Caption 2: GC meets GC-MS: the new MDGC-2010 system represents the renaissance of the multidimensional GC method. It applies the well-known Deans Switch technology, but in a completely new way. A breakthrough enables the user to perform as many cuts as required without any shifts of retention time and with excellent precision of the retention times. This allows for easy method development.

For further editorial questions, please contact: Uta Steeger
Shimadzu Europa GmbH, Albert-Hahn-Str. 6-10, 47269 Duisburg, Germany
Tel.: +49 (0) 203-7687410, E-mail: us@shimadzu.de

Additional information is available on Shimadzu's website: www.shimadzu.eu

Download is possible via www.shimadzu.eu/press