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Trace Gas Analysis: World's leading PTR-MS company IONICON integrates its subsidiary

IONICON, the Austrian based leading manufacturer of PTR-MS real-time trace gas analyzers integrated its subsidiary company IONIMED Analytik Ges.m.b.H. The company now offers solutions for a broad range of markets. Among them traditional strong fields such as environmental research, food & flavor science but also medical and biotechnological process monitoring applications.

IONICON CEO Lukas MÄRK welcomes the strategically important milestone in the company's history: "The integration of both companies is a huge step forward and lets us capitalize on synergies. The joint forces of our teams have enormous potential for product development and market diversification." Customers can now benefit from ultra-sensitive real-time trace gas analyzers, advanced calibration devices, customized solutions and analytical services now being provided by over 30 experts pulling in the same direction. "IONIMED" is now an IONICON Analytik GmbH brand.

IONICON manufactures ultra-sensitive real-time [trace gas analyzers](#) using the unique [Proton Transfer Reaction – Mass Spectrometry \(PTR-MS\)](#) and proprietary [Selective Reagent Ionization – Mass Spectrometry \(SRI-MS\)](#) technology. PTR-MS, when launched in 1998 revolutionized direct and online analysis of volatile organic compounds (VOCs). Before that cost and time consuming chemical methods were applied that did not provide such a high time-resolution or sensitivity. Therefore over 200 leading scientists, institutions and multinational corporations are among IONICON's customers relying on VOC monitoring and quantification instruments.

In July 2013 IONICON will celebrate its 15th anniversary with many innovations coming up.

IONIMED was founded in 2004 as a subsidiary company and since then a dedicated team of scientists and engineers has successfully completed several research projects and developed specialized solutions e.g. a patented medical device for real-time breath gas analysis in clinical applications. In collaboration with large biopharmaceutical companies, real-time monitoring of industrial fermentation processes and of synthetic gas production processes in the petrochemical industry were introduced. Besides this a portfolio of [specialized calibration devices](#) was developed which culminated in the recent launch of a new line of "[Liquid Calibration Units](#)" (LCU).

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