



Press release – Innsbruck – 7. October 2016

## **IONICON celebrates historic milestone: 300 PTR-MS instruments sold**

### **Continuous success with innovative solutions for real-time trace VOC analysis since 1998**

IONICON Analytik, the Austrian based leading manufacturer of real-time trace VOC analyzers, based on the unique PTR-MS technology, has sold its 300<sup>th</sup> instrument. The analyzer, a PTR-TOF 1000 system, was shipped abroad in September 2016 and will be used for analyzing chemical pollutants in industrial areas.

The whole IONICON team with currently more than 30 employees celebrates this achievement.

### **Taking a look back**

Everything started in 1998 where a small group of scientists had a visionary idea and decided to commercialize a technology that was unheard of before: PTR-MS. It allowed to analyze tiny concentrations of VOCs in real-time, without sample preparation. Time-consuming and thus expensive traditional chemical analysis methods became obsolete for many of IONICON's PTR-MS users since then.

Back in 1998 the company started its business with one part-time employee and the sale of the first PTR-MS instrument. Immediate and sustainable success lead to growth and the diversification of IONICON's products and services portfolio during the last 18 years.

### **300 PTR-MS instruments sold**

Nowadays IONICON produces a variety of trace gas analyzers based on time-of-flight mass spectrometers (TOF-MS) which offer many additional benefits to the user compared to traditional quadrupole mass filters. PTR-TOF-MS allows for much faster analysis of complex samples and features a higher mass resolution for an enhanced identification capability of substances.

From very affordable systems for automated routine VOC monitoring to high-end analytical instruments fulfilling the needs of some of the world's most acclaimed scientific institutions, IONICON continuously develops new technologies and analyzers. The company also experiences rapid growth in analytical testing services, leasing of instruments and the industrial VOC monitoring solutions businesses.

"Our striving for innovation and excellence is common to all products and services we have delivered through the last 18 years, from the first to the 300<sup>th</sup> instrument." IONICON CEO Lukas MÄRK says and adds: "we will continue to surprise our customers with products that are ahead of its time, for top-notch research and hassle-free routine VOC analysis."

### **Corporate Milestones**

Join us on a journey through time and have a look at IONICON's corporate milestones, from the first instrument sold to the 300<sup>th</sup> PTR-MS:

<http://www.ionicon.com/information/company/company-history>



## About IONICON

IONICON is the world's leading manufacturer of real-time trace gas analyzers for low concentration volatile organic compounds (VOCs) monitoring, based on the unique Proton Transfer Reaction – Mass Spectrometry (PTR-MS) technology, since 1998.

The main scientific application areas include atmospheric chemistry, environmental research, exhaust analysis, food and flavor science, illicit substances detection and breath gas analysis.

In addition to laboratory instruments, IONICON also produces specialized VOC monitoring systems for industrial applications such as the semiconductor industry or for field deployment. A strong technical background allows the company to build its own time-of-flight mass spectrometers, sampling and calibration systems for its analyzers, fast gas-chromatography and auto-sampling modules incl. various multiplexing set-ups.

IONICON hosts an application lab at its headquarters in Innsbruck, Austria offering analytical services to its customers, from initial sample tests to long-term studies.

## Resources

### Weblinks:

Dedicated website "300 PTR-MS":

<http://www.ionicon.com/information/company/300-ptr-ms>

IONICON History website – "Corporate Milestones":

<http://www.ionicon.com/information/company/company-history>

### Pictures and Graphics:

The IONICON team celebrating its 300<sup>th</sup> sold PTR-MS instrument. (Picture: IONICON)

[http://www.ionicon.com/sites/default/files/uploads/images/IONICON\\_team\\_300\\_PTR-MS\\_g4.jpg](http://www.ionicon.com/sites/default/files/uploads/images/IONICON_team_300_PTR-MS_g4.jpg)

The IONICON "Proudly celebrating 300 PTR-MS 1998-2016" key visual. (Picture: IONICON)

[http://www.ionicon.com/sites/default/files/uploads/images/ionicon\\_visual-mit-logo\\_300\\_PTR-MS.png](http://www.ionicon.com/sites/default/files/uploads/images/ionicon_visual-mit-logo_300_PTR-MS.png)

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