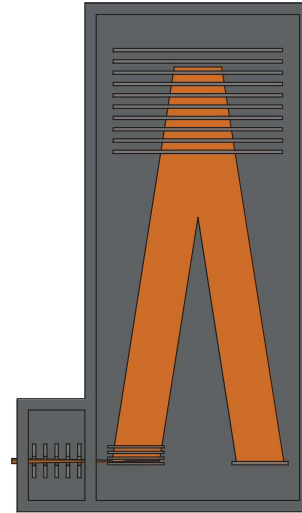


ioniTOF



Modular TOF Platform for R&D Applications

Time-of-Flight Mass Spectrometers for OEM and Research

The ioniTOF is a modular time-of-flight mass spectrometer that is available in various flight-path lengths and configurations incl. our renowned hexapole ION-GUIDE and various custom interfaces.

The ioniTOF product range comprises very compact builds and mid to high-resolution analyzers which are also ready for future upgrades.

Our experience and passion will boost your experimental instrument development using the ioniTOF as a mass spectrometry platform for your research.

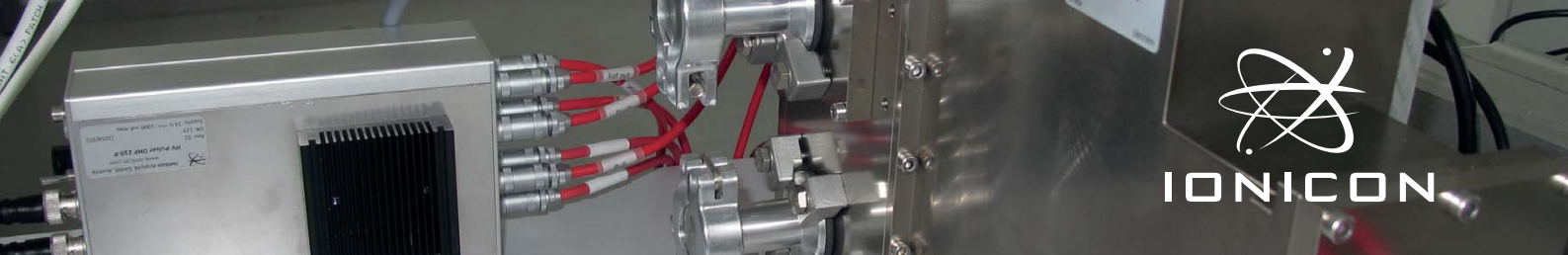
If you are about to commercialize the analytical instruments you developed or you are looking for a competitive TOF manufacturer, we are your reliable and flexible OEM TOF-MS supplier.

Our experience in building hundreds of PTR-MS instruments, as the world's leading PTR-MS company, is what we offer when providing our ioniTOF for your experimental TOF set-ups in academic research or the development of commercial end-user TOF systems.

- > Modular TOF platform
- > Low, mid and high-resolution
- > Flexible integration for research & OEM
- > From the PTR-MS market-leader

Find out more:

www.ionicon.com/tof



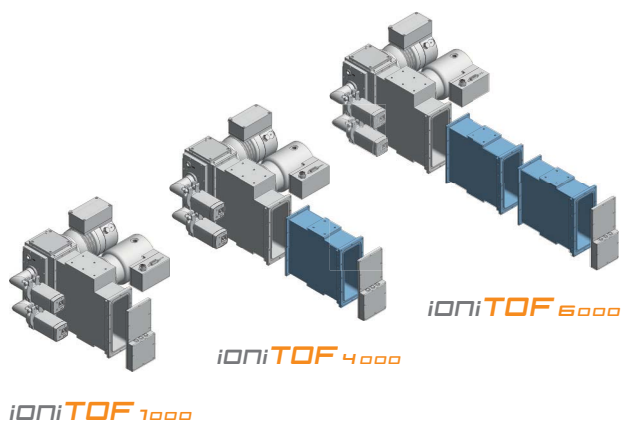
ioniTOF

THE MODULAR ioniTOF PLATFORM

The ioniTOF platform has been conceived as a unique modular system that allows us to offer entry-level, mid and high-resolution TOFs based on the same peripheral components.

One of the unique features of the ioniTOF is its design as a multi-stage TOF which provides high flexibility in your choice of the desired mass range.

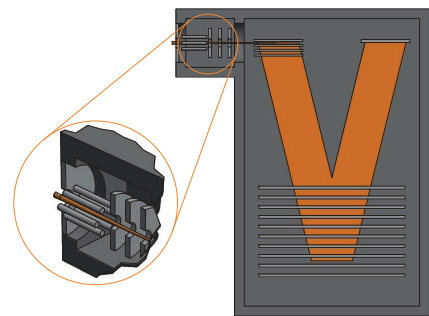
From our shortest flightpath with the ioniTOF 1000 where we achieve a resolution of up to 2000, to the medium range instrument ioniTOF 4000 with a resolution of more than 4000 and finally our current flagship ioniTOF 6000 with a resolution of more than 6000, we support your projects.



Make a choice according to your needs. If you ever change your mind and need more resolution we are able to upgrade your ioniTOF. We've got you covered with the unique ioniTOF ecosystem.

POLARITY & POSSIBILITIES

Positive or negative ionization? Up to you!
 Apart from more than 350 PTR-MS instruments sold that rely on positive chemical ionization processes, we designed our product to provide you with a set-up for negative ionization which we now use e.g. for our new API-TOF or custom CI-TOF end-user products. This flexibility in combination with engineering know-how will take your projects to the next level.



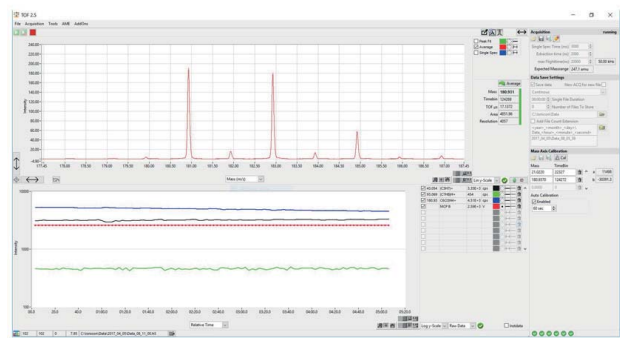
ION-GUIDE

CUSTOM INTERFACES & ION-GUIDES

Our extensive experience in ion chemistry and PTR-MS innovations lead to the development of several tools that allow for an improved ion transmission into our TOFs such as ion funnels, transmissions optics, multipole ion guides etc. One of them is the IONICON hexapole ion guide that transmits a wide range of ions and additionally focuses them to a narrow beam, yielding a much better sensitivity and resolution. Given our know-how and track record in chemical ionization mass spectrometry, our team can work out an ideal configuration of interfaces and ion-guides for your application.

THE ioniTOF SOFTWARE

The versatile and performant ioniTOF software allows you to start working with your TOF right away. This software has been extensively tested and is constantly improved as a part of the IONICON PTR-TOFMS series development.



For integration of OEM TOFs into your own software interfaces we provide driver libraries as well as extensive documentation and support.

YOUR TOF-MS PROJECT

Build your own instrument for academic research or consult with us concerning an OEM delivery to equip your project with the front-end, ion guides and time-of-flight mass spectrometers, incl. the vacuum and electronic components, software and all our expertise. A pleasant und streamlined experience from only one supplier for an affordable price that has been unheard of before.
 So many possibilities, but how to start? Contact us right now!