

Bruker's unique mass spectrometry solutions are the measure of innovation

They deliver a standard of performance that sets the new standard. Aspire to tackle the most challenging problems and accelerate scientific discovery.



timsTOF fleX with MALDI-2

Enhanced depth and sensitivity. The SpatialOMx enabled timsTOF fleX with MALDI 2 re-imagines and enhances MALDI to add significant biological context to routine OMICS or pharma studies.



timsTOF Pro 2 and timsTOF SCP

Dig deeper into the proteome with PASEF on the timsTOF Pro 2 and timsTOF SCP. Even with fast nanoLC runs, you will obtain higher sensitivity and better quantification due to the advantages provided by Trapped Ion Mobility (TIMS).



rapifleX

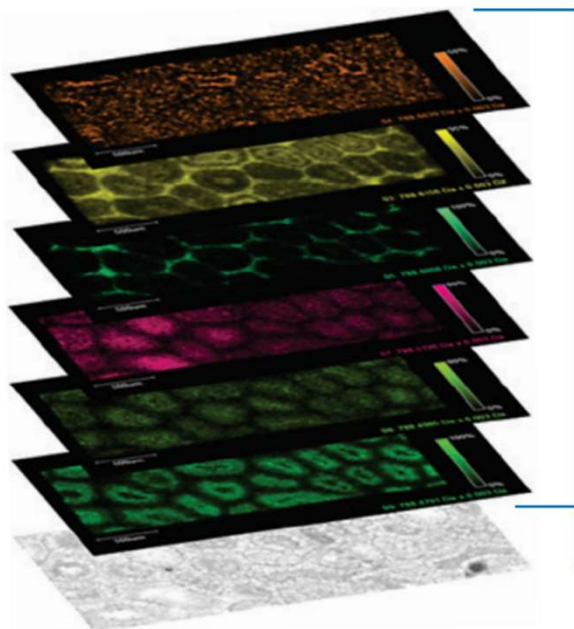
Screen > 1M compounds per week on the rapifleX MALDI PharmaPulse®. With false discovery rates < 1%, this unique label-free approach to uHTS drug discovery saves costs while radically improving productivity.



scimaX

Unleash the power of Isotopic Fine Structure and eXtreme Resolution across the acquired m/z range. With resolution of R > 20 million and parts per billion mass accuracy, scimaX® MRMS will find your formula for success.

Bruker, the global leader in MALDI-MS technology, is also your partner for label-free molecular MALDI Imaging



MALDI is the most robust ion desorption technology for analyzing many different classes of analyte molecules from many types of samples. When MALDI spectra are collected in a spatially orientated pattern, each spectrum represents a molecular fingerprint of a specific and unique region of the sample being analyzed.

Any detected ion can be projected into a 2 dimensional map of sample location and intensity – an ion image. From a single dataset, hundreds to thousands of unique, label-free ion images may be generated and used for mapping targeted compounds or untargeted discovery of molecular markers which have a specific regional localization.

MALDI Imaging ion images of six uniquely distributed phospholipids from the below rat testis section

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