

Ion Trap Mass Spectrometry

Rock solid performance

Bruker's legacy of innovation includes the amaZon family of ion trap mass spectrometers. Robust ETD technology provides unprecedented identification capabilities while advanced ion funnel technologies enable high analytical sensitivity. Detailed peptide and protein characterization are available via bottom-up CID or ETD and top-down ETD/PTR.

Ion Trap series

Modern ion trap systems offer reliably high performance in a rapidly changing world of mass spectrometry. Incredibly easy to use and with outstanding robustness, these systems deliver fastest MSⁿ results with high sensitivity. The class leader in ion trap technology, Bruker Daltonics offers a comprehensive series of ion trap systems meeting the needs of any user. Structural confirmation and screening applications in routine labs are well covered, as are protein ID and detailed target characterization.



	amaZon		
	speed	speed ETD	SL
mass range:	50 - 3,000	50 - 3,000	50 - 2,200
mass resolution:	0.3 u	0.3 u	0.35 u
scan rate u/sec:	52,000	52,000	52,000
size [mm]:	890 x 760 x 510	890 x 760 x 510	890 x 760 x 510
source:	ESI and APCI II source (Apollo); CaptiveSpray		
sensitivity:	250 fg reserpine: S/N > 500	250 fg reserpine: S/N > 500	250 fg reserpine: S/N > 50

Ion Trap Solution



Toxtyper

The Toxtyper[®] was developed by toxicologists for toxicologists. It delivers a very robust and highly automated screening solution for identifying potential toxicants within a few minutes. At the heart of the system is a highly curated library, and together with the patented SmartFrag technology (which removes variability and eliminates the need for complicated, time-consuming MS/MS tuning), which delivers accurate identification of drugs with complete transferability of results from lab to lab.