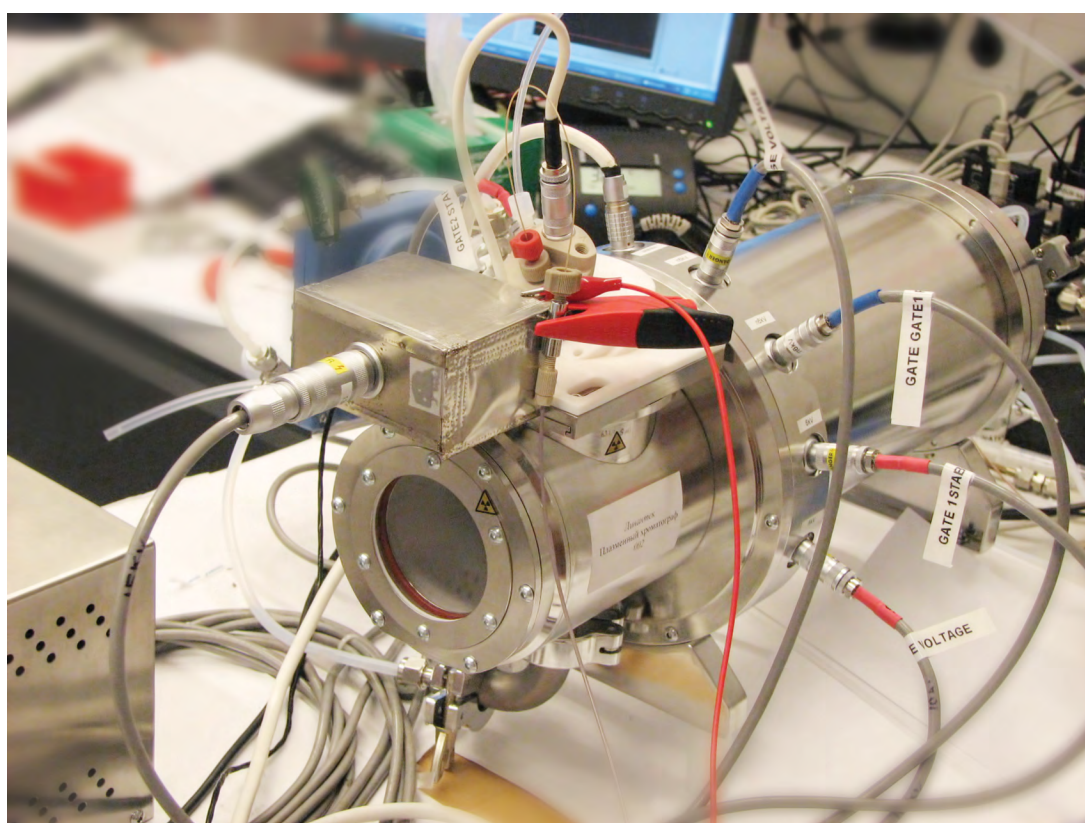


MaOS HiSpec. High resolving power drift tube ion mobility spectrometer



Specification:

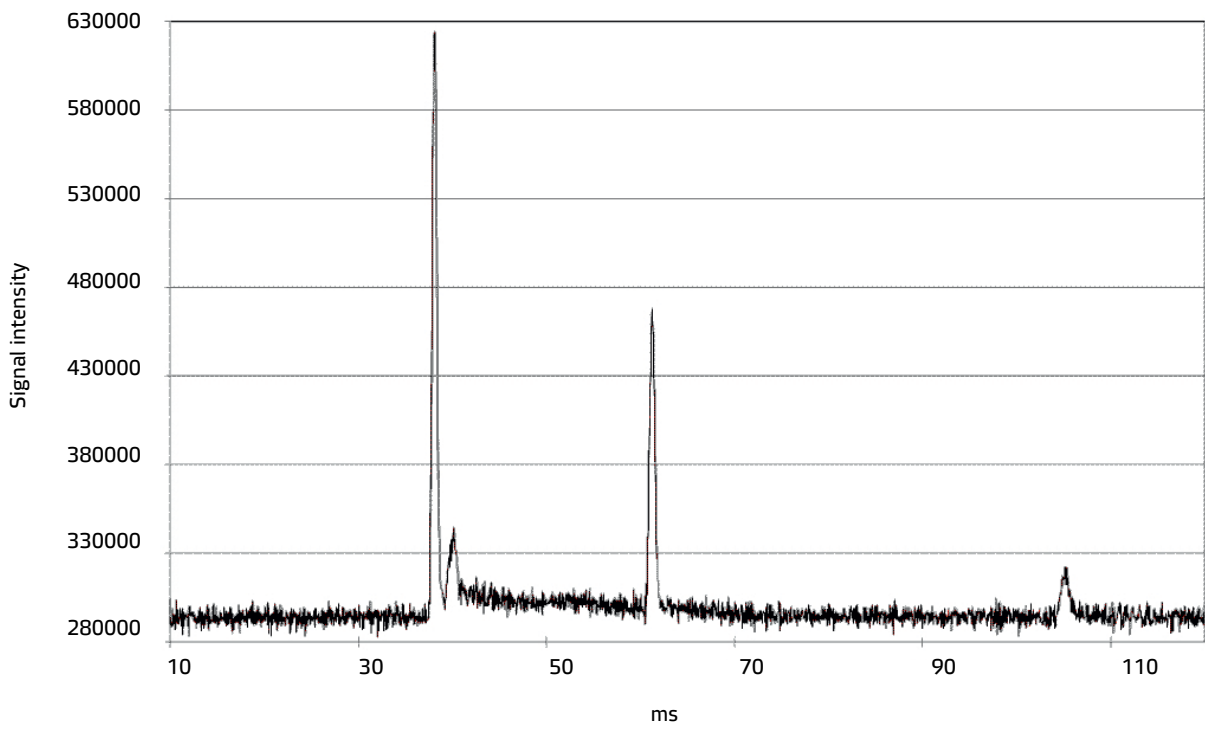
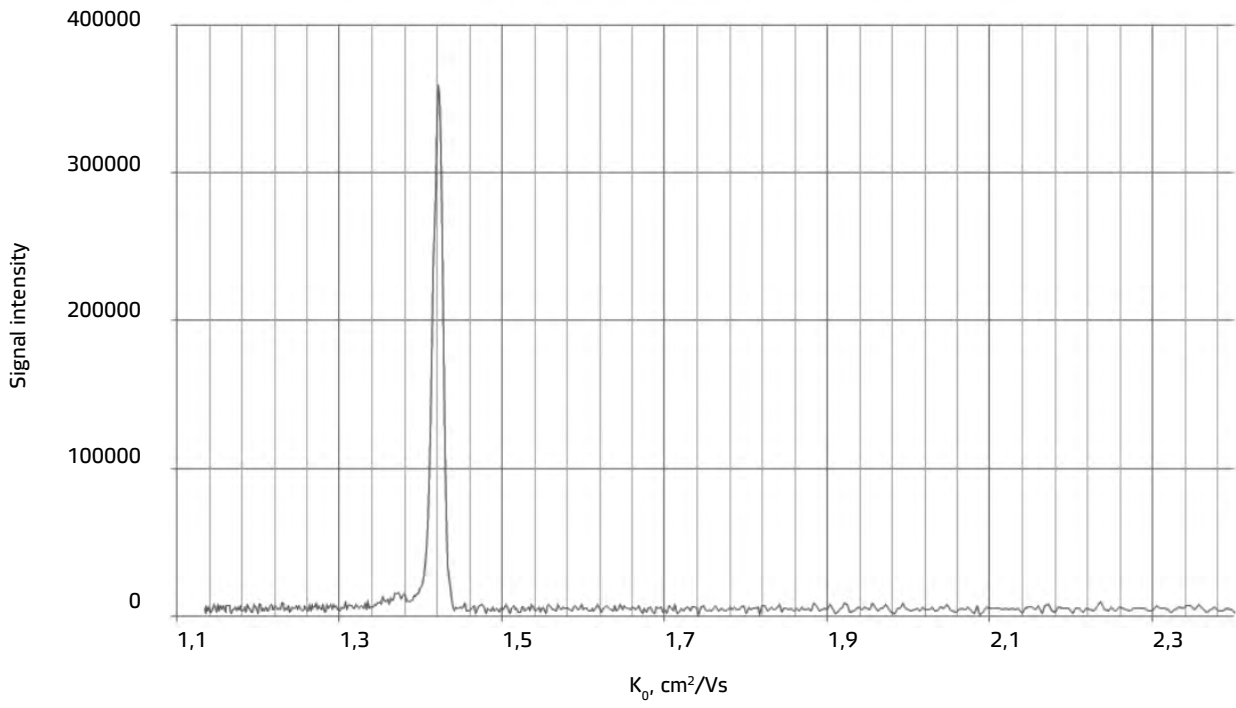
Configuration	atmosphere pressure drift tube ion mobility spectrometer
Ionization	corona discharge atmosphere pressure chemical ionization, photo ionization, electrospray, other atmosphere pressure ionization methods if it is desired
Detection	Faraday plate detector or mass spectrometer
Resolving power	up to 100
Time of analysis	5 sec – 2 min
Drift tube temperature	25-150 °C
Sample	gas, liquid
Software	control of instrumental parameters, data collection and processing

Application area:

- Health care
- Drug discovery
- Pharmacy
- Environmental monitoring
- Explosives detection
- Forensic science
- Biotechnology

Main advantages:

- Improved selectivity thanks to twice increased resolving power.
- Possibility to apply different ionization methods.
- Integrated technical solution for combination with different separation techniques.



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