



## Matrix-Assisted Laser Desorption Ionisation-Time of Flight

***Make and Model:*** Bruker (Autoflex Speed)

***Applications*** : Matrix Assisted Laser Desorption/Ionization (MALDI) is employed for the analysis of exceedingly large molecules. This method involves the direct ionization and vaporization of the analyte from its condensed phase. MALDI finds frequent application in the analysis of both synthetic and natural polymers, as well as proteins and peptides.

Diagnostic Tool for the characterization of chemicals based on the mass of compounds (high molecular weight organic sample).

***Charges:*** For more information and special offers for students, MSME, SSI, National R&D Labs, please visit our website link:

<https://www.niist.res.in/testing-and-analysis>