

High Resolution Mass Spectrometry

The Bruker maXis Impact is excellent in molecular mass analysis of both known and unknown compound. Machine can provide one step qualitative and quantitative data in a single rapid analysis.

Make and Model:

Maxis Impact (BRUKER)Sr no.282001.0008

Specification / Features

- Sub-ppm mass accuracy and 40,000 full sensitivity resolution.
- Extreme sensitivity across the entire mass Range from very small molecules to intact proteins.
- High speed MS/MS capabilities with full U-HPLC compatibility.
- Simultaneous analysis of major and trace sample components.
- Isotopic fidelity for definitive molecular formulae determination.
- Robust and easy to operate system.
- Certainty in identification in combination with Smart Formula 3DTM – unequivocal formula generation with superb mass accuracy.
- Better than 0.8ppm Mass accuracy.

Available mode of use:

ESI +ve and -Ve

APCI +ve and - Ve

Whether the facility is open to external users? : Yes

Location:

Room No.: 370, Second Floor, Central Facility.

Department: Department of Chemistry

Contact details: 022-25764153

Convenor/in-charge name : Prof. M. Ravikanth (ravikanth@chem.iitb.ac.in)

