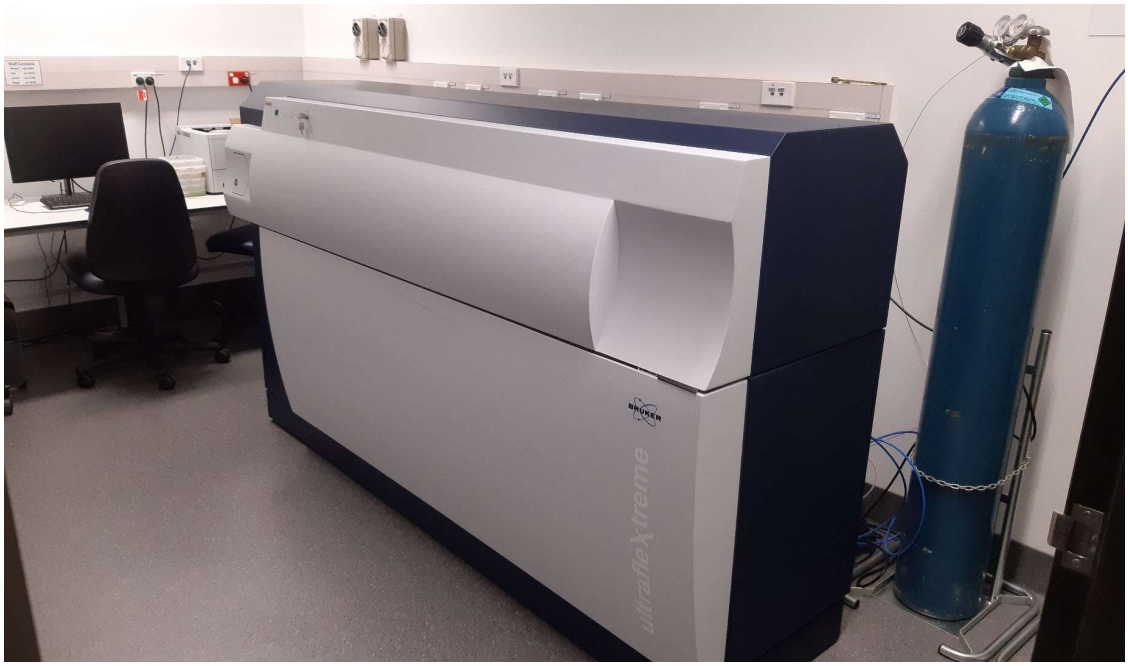
Waipapa Taumata Rau University of Auckland

Bruker UltrafleXtreme MALDI-TOF mass spectrometer



Applications

- *MALDI imaging*
- *Manual or automated standard MALDI analysis*
- *Post-translational modification analysis*
- *Polymer analysis*

Software

- *flexAnalysisTM for spectral processing and peak detection*
- *flexImagingTM 4.1 for MALDI imaging data collection and image production*
- *SCiLS Lab (Core) advanced software for statistical analysis of MALDI imaging data*
- *Biotyper Microbial Identification system*

Specifications

- *2 kHz Smartbeam IITM UV MALDI laser*
- *10 micrometer laser beam size for MALDI imaging without pixel overlap*

- *Wide mass range resolving power up to 40,000 due to PANTM Technology*
- *FlashDetector TM for 1 ppm mass accuracy*
- *Automated source cleaning with IR laser*
- *Positive and negative ion mode, linear and reflector mode*

Ancillary equipment

- *Vacuum sublimation apparatus for MALDI imaging matrix application*
- *HTX Technologies TM-SprayerTM for MALDI imaging matrix application*

MaSH – Mass Spectrometry Hub

- *Instrument page*

Contact person

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