

FACULTY OF SCIENCE

Empowering Innovation in Scientific Research and Education

Metrology and Isotopic Fractionation Laboratory (LMFI-FS)

TopSin 4.4



Acceptable device age

Not applicable



Equipment Description

TopSpin 4.4 software for NMR Acquisition (require license) and a PC NMR workstation (Windows 11) configured for AVANCE II Bruker spectrometer



Use (research, diagnosis, etc.)

Research and service provision



Estimated frequency of use

This is the software and computer controlling the NMR spectrometer. They are therefore necessary every time NMR is used. In a research project, NMR is used several times on a daily basis.



[For more details](#)



Possibility of sharing with other laboratories

NMR is a versatile tool used in various research fields and service sectors; Analysis and identification of chemical compounds, Synthesis of biologically active molecules, Pharmacology, Metabolomics, Isotopic analysis, Food analysis and authentication, and Identification of biomarkers for medical applications. Typically, in university research laboratories, an NMR spectrometer is generally shared between several research teams.



Cost Estimate : \$19,500

For any monetary donation, please scan the QR code
 Be sure to specify the name of the equipment

Contact us for any new or gently used lab equipment.
 Northamerica@usjbeirut.org (832) 360-6951

