

Research NMR Instruments in the Department Of Chemistry

	Walk-Up Access				Trained User Operated				Service Operated		Talk to CPG/MJD Groups	
Bruker Console	AVIII 400	AVIII 400	Avance 600	Neo 400	AVIII 400	AVIII 500	Avance 500	AVII+ 700	AVIII 500	AVIII 400	Solid-State AV 400	Solid-State Various
Probe Type	BBO Smartprobe	BBO	BBI	Prodigy Cryoprobe	BB Smartprobe	BBO Smartprobe	TCI Cryoprobe	TBO Cryoprobe	Dual 13C/1H Cryoprobe	QNP Cryoprobe	Various	Various
Location	B18	B12	B12	B25	B13	B19	B19	B14	B28	B28	B17	CPG Labs
System Name	Laphroaig	Lagavulin	Oban	Tobermory	Auchentoshan	Glengrant	Glenlivet	Arran	Aberlour	Cragganmore	Glenlossie/ Glenkinchie	700/500/300/ 300/200
Cryoprobe	No	No	No	Nitrogen	No	No	Helium	Helium	Helium	Helium	No	No
1H (inc. 2D)	✓	✓	✓✓	✓✓	✓	✓	✓✓✓	✓✓✓	✓✓	✓✓	✓	✓
13C	✓	✓	✓	✓✓	✓	✓	✓✓	✓✓	✓✓✓	✓✓	✓	✓
19F	✓	✓	✓	✓✓	✓	✓	✗	✗	✗	✓✓✓	✓	✓
31P	✓	✓	✓	✓✓	✓	✓	✗	✗	✗	✓✓✓	✓	✓
Other Nuclei	✓	✓	✓	✓✓	✓	✓✓	✗	✗	✗	✗	✓	✓
VT Work	✗	✗	✗	✗	✓	✓✓✓	✗	✗	✗	✗	✓	✓
Biological NMR	✗	✗	✗	✗	✗	✓✓	✓✓✓	✓✓✓	✗	✗	✗	✗
Solid samples	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓✓✓	✓✓✓

The ticks are only an approximation of relative s/n. May scale exponentially!

Tobermory may have restricted access at times.