

Low-Field Solution NMR Resource

Instrument	Field	Model/Year	RF-Console	Magnet	Software	Probes		
						Nature	Type	Temperature Range
300-MHz	6.9 Tesla	Bruker/2011	Fourier;2-channel; Gradient	Shielded Superconducting	Topspin 3.1	*§5.0 mm DUAL- ¹ H, ¹³ C	Double-resonance	(-)50C - (+)50C
300-MHz	6.9 Tesla	Bruker/2004	AVANCE; 2-channel	Non-shielded Superconducting	Topspin 1.3	*5.0 mm QNP- ¹ H, ¹³ C, ³¹ P, ¹⁹ F	Double-resonance	(-)180C - (+)150C
						5.0 mm DUAL- ¹ H, ¹³ C	Double-resonance	(-)180C - (+)150C
300-MHz	6.9 Tesla	Bruker/1999	DPX; 2-channel; Gradient	Shielded Superconducting	Topspin 1.3	*5.0 mm QNP- ¹ H, ¹³ C, ³¹ P, ¹⁹ F	Double-resonance	(-)180C - (+)150C
						5.0 mm DUAL- ¹ H, ¹³ C	Double-resonance	(-)180C - (+)150C
400-MHz	9.2 Tesla	Bruker/1999	DRX; 3-channel	Shielded Superconducting	Topspin 1.3	*5.0 mm BBO- ¹ H/ ¹⁵ N- ³¹ P	Double-resonance	(-)100C - (+)180C
						§5.0 mm BBI- ¹ H/ ¹⁵ N- ³¹ P	Double-resonance	(-)30C - (+)50C
						5.0 mm TXO- ¹ H/ ¹³ C/ ³¹ P	Triple-resonance	(-)100C - (+)180C
						5.0 mm TXO- ¹ H/ ¹³ C/ ¹⁹ F	Triple-resonance	(-)100C - (+)180C

*Installed Routine Probe; §Gradient capable; || Consult with a NMR staff member