

Instrument	Channels In Console	Coil Closest to tube (most sensitive)	Standard Probe	Variable Temperature	Gradient Pulse Sequences	2H Gradient Shimming	Shaped Pulses
Varian 300	2	X Direct Observe	Autoswitchable QUAD (H, C, F, P only) No tuning	None	Y	N	N
Bruker 400	2	X Direct Observe	Broadband	-100 to 150 °C	Y	N	N
Bruker 401	2	X Direct Observe	Autoswitchable QNP (H, C, F, P only) No tuning	None	Y	N	N
Varian 500	3	H Observe/Inverse	gHCN Inverse Triple resonance	-20 to 80 °C	Y	Y	Y
Varian 501	2	X Direct Observe	gXH Switchable- Broadband	-100 to 150 °C	Y	Y	Y
Varian 502	4	H Observe/Inverse	gHX Inverse- Broadband	-20 to 80 °C	Y	Y	Y
Bruker 600	4	H Observe/Inverse	Cryoprobe H, C, N only Cold 1H coil	25 to 60 °C	Y	Y	Y