

List of Unilateral Magnets in MRI Lab

Name	B ₀ (G)	F ₀ (MHz)	Gradient (G/cm)	Quantity	Size of magnets	Remarks	
AP1	869	3.7	-	1	150x50x30 2 150x50x20 2	Magnet array with ferromagnetic pole and B ₀ parallel to the surface	
AP2	1006	4.26	39	1	150x50x30 2 150x50x20 2	Magnet array with ferromagnetic pole and B ₀ perpendicular to the surface	
CP1	1672	7.12	-	2	115(D)x50 1	Cylindrical magnet with ferromagnetic pole and B ₀ perpendicular to the surface	
CP2	2278	9.7	250	1	115(D)x50 1	Cylindrical magnet with ferromagnetic pole and B ₀ perpendicular to the surface and additional piece of ferromagnetic material was added at the bottom	
BA1	1092	4.65	-	1	100x50x30 2 100x50x20 1	Original three magnet array, B ₀ parallel to the surface.	
BA2	1045	4.45	-	1	100x50x30 2 100x50x20 1	Magnet array similar to BA1 but with the probe tuned for use with aerospace composites	Windsor University
SA1	763	3.25	-	1	60x30x18 2 60x30x12 1	Handheld three magnet array with B ₀ parallel to the surface	
SA2	560	2.38	-	1	50x25x18 2 50x25x12 1	Handheld three magnet array with B ₀ parallel to the surface	
SA3	740	3.15	-	1	50x25x18 2 50x25x12 1	Handheld three magnet array with B ₀ parallel to the surface	
WA1	534	2.273	-	1	100x50x30 4 100x50x30 2	Three magnet array for core plug analysis.	UC Davis USA
WA2	587	2.5	60	1	100x50x30 4 100x50x30 2	Three magnet array for core plug analysis with extended constant gradient.	Saudi Aranco
BA11-1	1105	4.705	-	1	100x50x30 2 100x50x20 1	Three magnet array with ferromagnetic spacers.	Santiago de Cuba
BA11-2	1047	4.46	-	1	100x50x30 2 100x50x20 1	Three magnet array with fiberglass spacers.	
BA11-3	1282	5.46	254	1	100x50x30 2 100x50x20 1	Three magnet array with extended constant gradient and ferromagnetic spacers.	
BA11-4	1060	4.513	-	1	100x50x30 2 100x50x20 1	Three magnet array with fiberglass spacers.	UC Davis USA
RA10-1	1135	4.83	-	1	100x50x30 2 100x50x20 1	Three magnet array with ferromagnetic spacers.	
RA10-2	1089	4.64	-	1	100x50x30 2 100x50x20 1	Three magnet array with ferromagnetic spacers.	MEXICO

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