


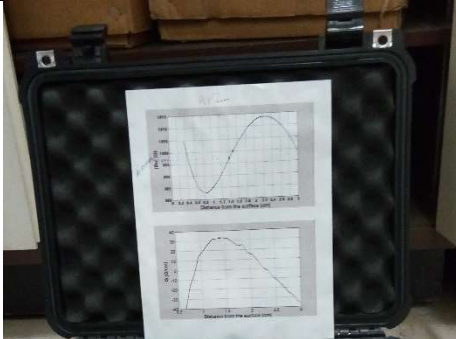

















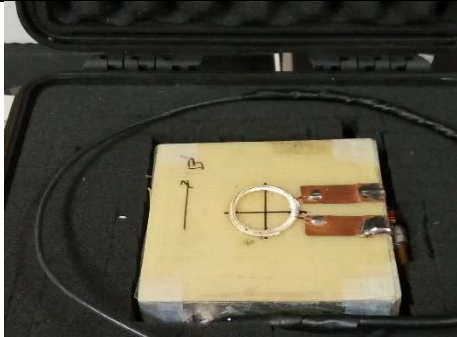
# List of Unilateral Magnets in MRI Lab

Name	B <sub>0</sub> (G)	F <sub>0</sub> (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 <sub>0</sub> parallel to the surface	
AP2	1006	4.26	39	1	150x50x30 2 150x50x20 2	Magnet array with ferromagnetic pole and B <sub>0</sub> perpendicular to the surface	
CP1	1672	7.12	-	2	115(D)x50 1	Cylindrical magnet with ferromagnetic pole and B <sub>0</sub> perpendicular to the surface	
CP2	2278	9.7	250	1	115(D)x50 1	Cylindrical magnet with ferromagnetic pole and B <sub>0</sub> 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 <sub>0</sub> 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 <sub>0</sub> parallel to the surface	
SA2	560	2.38	-	1	50x25x18 2 50x25x12 1	Handheld three magnet array with B <sub>0</sub> parallel to the surface	
SA3	740	3.15	-	1	50x25x18 2 50x25x12 1	Handheld three magnet array with B <sub>0</sub> 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


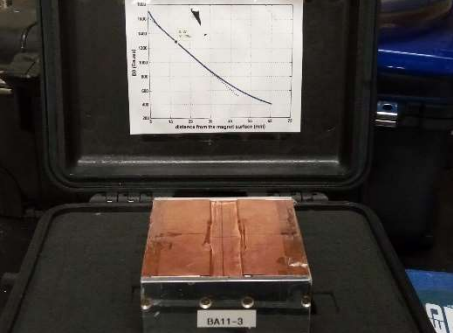





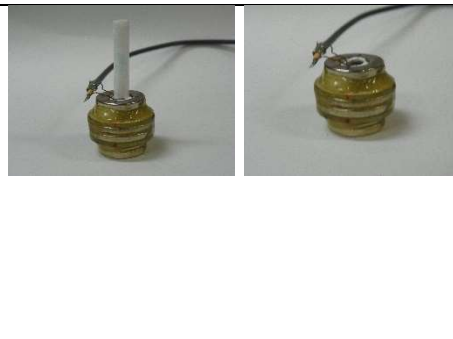
July 15<sup>th</sup>, 2019

List of Unilateral Magnets with Pictures

Name		
AP1		
AP2		
		
CP1		
CP2		

BA1		
BA2	<b>Windsor University</b>	
SA1		
SA2		
SA3		
WA1	<b>UC Davis USA</b>	
WA2	<b>Saudi Aranco</b>	
BA11-1	<b>Santiago de Cuba</b>	
BA11-2		



BA11-3		
BA11-4	<b>UC Davis USA</b>	
RA10-1		
RA10-2	<b>MEXICO</b>	
TCA-1		
TCA-2		
TWA		

# The list of the block magnet in the Lab

Number	Dimensions (mm)	Quantity
1	150x50x30	10
2	150x50x20	10
3	150x50x10	10
4	150x30x30	10
5	150x30x20	10
6	150x30x10	10
7	110x50x10	10
8	100x50x30	4
9	100x50x20	2
10	50x25x25	3
11	50x25x18	14
12	50x25x12	4
13	115(Diameter)x50	1
14	25(Diameter)x18	35
15	20(Diameter)x18	15

July 15<sup>th</sup>, 2019