



Field 14.1 T , ^1H at 600 MHz							Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
Nuclide	Coil Freq MHz	SAIP ID mm	Coil Rung Lgh mm	Removable Shield Dia. mm	Calc. pw90 micro-s	Power No Load, W	Power Loaded, W	Loaded B1 @ 100 W, mT	DSI Part # (Field -Nuclide -Coil ID -Short, Medium, or Long)	Price Each, US \$ *
^1H	600	25	22	100	11.7	186	333	0.302	SAIP600-H-25-S	11323
^1H	600	25	34	100	15.9	142	370	0.212	SAIP600-H-25-M	12437
^1H	600	25	54	100	25.2	82	332	0.141	SAIP600-H-25-L	15111
^1H	600	38	33	100	22.8	167	415	0.139	SAIP600-H-38-S	13533
^1H	600	38	50	100	30.7	130	467	0.097	SAIP600-H-38-M	15351
^1H	600	38	80	100	49.1	78	422	0.064	SAIP600-H-38-L	19264
^1H	600	50	36	100	28.8	246	542	0.096	SAIP600-H-50-S	14417
^1H	600	50	65	100	51.9	126	449	0.059	SAIP600-H-50-M	17765
^1H	600	50	108	100	86.3	76	406	0.037	SAIP600-H-50-L	23209
^1H	600	63	55	120	54.9	173	456	0.055	SAIP600-H-63-S	18242
^1H	600	63	80	120	79.9	119	416	0.040	SAIP600-H-63-M	21492
^1H	600	63	130	120	129.8	79	394	0.025	SAIP600-H-63-L	28531
^{19}F	563.7	25	22	100	9.1	330	570	0.316	SAIP600-F-25-S	12040
^{19}F	563.7	25	34	100	14.1	192	483	0.222	SAIP600-F-25-M	13037
^{19}F	563.7	25	54	100	28.0	79	294	0.143	SAIP600-F-25-L	14999
^{19}F	563.7	38	33	100	20.3	222	552	0.144	SAIP600-F-38-S	14014
^{19}F	563.7	38	50	100	30.7	136	493	0.101	SAIP600-F-38-M	15628
^{19}F	563.7	38	80	100	49.1	81	448	0.066	SAIP600-F-38-L	19211
^{19}F	563.7	50	36	100	28.8	257	576	0.100	SAIP600-F-50-S	14800
^{19}F	563.7	50	65	100	51.9	129	479	0.060	SAIP600-F-50-M	17762
^{19}F	563.7	50	108	100	86.3	76	434	0.038	SAIP600-F-50-L	22678
^{19}F	563.7	63	55	120	54.9	175	488	0.057	SAIP600-F-63-S	18182
^{19}F	563.7	63	80	120	79.9	119	445	0.041	SAIP600-F-63-M	21039
^{19}F	563.7	63	130	120	129.8	77	417	0.026	SAIP600-F-63-L	27332
^{31}P	242.7	25	22	100	22.8	166	191	0.507	SAIP600-P-25-S	7438
^{31}P	242.7	25	34	100	35.2	97	134	0.392	SAIP600-P-25-M	7687
^{31}P	242.7	25	54	100	56.0	56	106	0.278	SAIP600-P-25-L	9104
^{31}P	242.7	38	33	100	50.7	106	163	0.247	SAIP600-P-38-S	7923
^{31}P	242.7	38	50	100	76.8	64	141	0.175	SAIP600-P-38-M	8299
^{31}P	242.7	38	80	100	61.4	122	422	0.127	SAIP600-P-38-L	10466
^{31}P	242.7	50	36	100	71.9	115	201	0.157	SAIP600-P-50-S	8108
^{31}P	242.7	50	65	100	64.9	187	551	0.105	SAIP600-P-50-M	9310
^{31}P	242.7	50	108	100	107.8	99	522	0.065	SAIP600-P-50-L	11188
^{31}P	242.7	63	55	120	54.9	348	969	0.093	SAIP600-P-63-S	9938
^{31}P	242.7	63	80	120	99.9	143	608	0.065	SAIP600-P-63-M	9998
^{31}P	242.7	63	130	120	162.3	79	592	0.040	SAIP600-P-63-L	12100

SAIP Continued: Field 14.1 T, ¹H at 600 MHz							Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
Nuclide	Coil Freq MHz	SAIP ID mm	Coil Rung Lgh mm	Removable Shield Dia. mm	Calc. pw90 micro-s	Power No Load, W	Power Loaded, W	Loaded B1 @ 100 W, mT	DSI Part # (Field -Nuclide -Coil ID -Short, Medium, or Long)	Price Each, US \$ *
¹³ C	150.7	25	22	100	22.8	304	319	0.632	SAIP600-C-25-S	6968
¹³ C	150.7	25	34	100	35.2	175	202	0.513	SAIP600-C-25-M	7090
¹³ C	150.7	25	54	100	56.0	98	139	0.390	SAIP600-C-25-L	8330
¹³ C	150.7	38	33	100	50.7	187	222	0.341	SAIP600-C-38-S	7204
¹³ C	150.7	38	50	100	76.8	110	161	0.264	SAIP600-C-38-M	7383
¹³ C	150.7	38	80	100	122.9	61	134	0.181	SAIP600-C-38-L	8719
¹³ C	150.7	50	36	100	71.9	200	250	0.226	SAIP600-C-50-S	7293
¹³ C	150.7	50	65	100	129.8	93	178	0.148	SAIP600-C-50-M	7606
¹³ C	150.7	50	108	100	215.7	49	186	0.087	SAIP600-C-50-L	9052
¹³ C	150.7	63	55	120	137.3	112	211	0.129	SAIP600-C-63-S	7648
¹³ C	150.7	63	80	120	199.7	70	206	0.090	SAIP600-C-63-M	7924
¹³ C	150.7	63	130	120	324.5	39	297	0.046	SAIP600-C-63-L	9462
²⁹ Si	119.2	25	22	100	22.8	417	425	0.691	SAIP600-Si-25-S	6834
²⁹ Si	119.2	25	34	100	35.2	238	262	0.570	SAIP600-Si-25-M	6920
²⁹ Si	119.2	25	54	100	56.0	132	171	0.445	SAIP600-Si-25-L	8112
²⁹ Si	119.2	38	33	100	50.7	253	281	0.383	SAIP600-Si-38-S	7001
²⁹ Si	119.2	38	50	100	76.8	148	192	0.306	SAIP600-Si-38-M	7127
²⁹ Si	119.2	38	80	100	122.9	81	146	0.219	SAIP600-Si-38-L	8385
²⁹ Si	119.2	50	36	100	71.9	269	307	0.258	SAIP600-Si-50-S	7063
²⁹ Si	119.2	50	65	100	129.8	123	192	0.181	SAIP600-Si-50-M	7283
²⁹ Si	119.2	50	108	100	215.7	64	170	0.116	SAIP600-Si-50-L	8616
²⁹ Si	119.2	63	55	120	137.3	148	225	0.158	SAIP600-Si-63-S	7313
²⁹ Si	119.2	63	80	120	199.7	91	196	0.116	SAIP600-Si-63-M	7505
²⁹ Si	119.2	63	130	120	324.5	49	216	0.068	SAIP600-Si-63-L	8900

Note: The load is a cylinder of 50 mM saline, 75% of coil ID, full rung length.

***Notes on pricing of Small Animal Imaging Platforms:**

- The above prices are US List Prices. Add 5% plus customs duties for Canada. Add 15% plus customs duties for other foreign sales. Specifications and prices are subject to change.
- Other sizes and other tuning options are available.
- Changes to the coil inner diameter or window length can be made at additional cost.
- When purchasing multiple platforms, omitting the shield tube reduces the price by \$1000.
- Small Animal Head-holder is available for 38 mm SAIP, at an additional cost of \$2,900 (US List Price).

Please contact us at sales@dotynmr.com (or call sales at 1-803-738-6832) for more information.