



Field 11.7 T , ^1H at 500 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	500	25	22	100	9.8	229	367	0.345	SAIP500-H-25-S	10379
^1H	500	25	34	100	13.2	172	400	0.244	SAIP500-H-25-M	11186
^1H	500	25	54	100	26.2	69	241	0.158	SAIP500-H-25-L	12869
^1H	500	38	33	100	19.0	196	477	0.156	SAIP500-H-38-S	11973
^1H	500	38	50	100	25.6	149	542	0.108	SAIP500-H-38-M	13264
^1H	500	38	80	100	41.0	87	498	0.071	SAIP500-H-38-L	16326
^1H	500	50	36	100	24.0	282	645	0.106	SAIP500-H-50-S	12603
^1H	500	50	65	100	43.3	138	542	0.064	SAIP500-H-50-M	14956
^1H	500	50	108	100	71.9	79	492	0.041	SAIP500-H-50-L	19047
^1H	500	63	55	120	45.8	183	556	0.060	SAIP500-H-63-S	15288
^1H	500	63	80	120	66.6	121	507	0.043	SAIP500-H-63-M	17532
^1H	500	63	130	120	108.2	76	471	0.028	SAIP500-H-63-L	22664
^{19}F	469.7	25	22	100	7.6	408	627	0.361	SAIP500-F-25-S	11193
^{19}F	469.7	25	34	100	14.7	159	348	0.251	SAIP500-F-25-M	11381
^{19}F	469.7	25	54	100	23.3	92	310	0.167	SAIP500-F-25-L	13481
^{19}F	469.7	38	33	100	16.9	264	628	0.162	SAIP500-F-38-S	12623
^{19}F	469.7	38	50	100	25.6	158	566	0.113	SAIP500-F-38-M	13774
^{19}F	469.7	38	80	100	41.0	91	523	0.073	SAIP500-F-38-L	16615
^{19}F	469.7	50	36	100	24.0	298	681	0.110	SAIP500-F-50-S	13185
^{19}F	469.7	50	65	100	43.3	144	576	0.066	SAIP500-F-50-M	15278
^{19}F	469.7	50	108	100	71.9	81	524	0.042	SAIP500-F-50-L	19020
^{19}F	469.7	63	55	120	45.8	189	593	0.062	SAIP500-F-63-S	15572
^{19}F	469.7	63	80	120	66.6	124	543	0.044	SAIP500-F-63-M	17556
^{19}F	469.7	63	130	120	108.2	76	503	0.028	SAIP500-F-63-L	22200
^{31}P	202.2	25	22	100	19.0	208	229	0.556	SAIP500-P-25-S	7218
^{31}P	202.2	25	34	100	29.4	121	153	0.439	SAIP500-P-25-M	7407
^{31}P	202.2	25	54	100	46.6	69	114	0.321	SAIP500-P-25-L	8739
^{31}P	202.2	38	33	100	42.2	130	177	0.284	SAIP500-P-38-S	7585
^{31}P	202.2	38	50	100	64.0	78	143	0.209	SAIP500-P-38-M	7866
^{31}P	202.2	38	80	100	102.4	45	136	0.134	SAIP500-P-38-L	9354
^{31}P	202.2	50	36	100	59.9	140	212	0.183	SAIP500-P-50-S	7723
^{31}P	202.2	50	65	100	108.2	67	186	0.108	SAIP500-P-50-M	8219
^{31}P	202.2	50	108	100	89.9	120	528	0.077	SAIP500-P-50-L	10424
^{31}P	202.2	63	55	120	114.4	81	217	0.095	SAIP500-P-63-S	8286
^{31}P	202.2	63	80	120	83.2	174	633	0.076	SAIP500-P-63-M	9265
^{31}P	202.2	63	130	120	135.2	94	621	0.047	SAIP500-P-63-L	11091



Small Animal Imaging Platforms (SAIP)

SAIP Continued: Field 11.7 T, ¹H at 500 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	125.6	25	22	100	19.0	388	398	0.678	SAIP500-C-25-S	6860
¹³ C	125.6	25	34	100	29.4	222	247	0.557	SAIP500-C-25-M	6953
¹³ C	125.6	25	54	100	46.6	123	162	0.433	SAIP500-C-25-L	8154
¹³ C	125.6	38	33	100	42.2	236	266	0.374	SAIP500-C-38-S	7040
¹³ C	125.6	38	50	100	64.0	138	184	0.296	SAIP500-C-38-M	7177
¹³ C	125.6	38	80	100	102.4	76	142	0.211	SAIP500-C-38-L	8449
¹³ C	125.6	50	36	100	59.9	252	292	0.251	SAIP500-C-50-S	7108
¹³ C	125.6	50	65	100	108.2	115	188	0.174	SAIP500-C-50-M	7345
¹³ C	125.6	50	108	100	179.7	60	171	0.109	SAIP500-C-50-L	8700
¹³ C	125.6	63	55	120	114.4	139	220	0.152	SAIP500-C-63-S	7377
¹³ C	125.6	63	80	120	166.4	86	196	0.110	SAIP500-C-63-M	7585
¹³ C	125.6	63	130	120	270.5	47	226	0.063	SAIP500-C-63-L	9007
²⁹ Si	99.3	25	22	100	19.0	535	538	0.738	SAIP500-Si-25-S	6757
²⁹ Si	99.3	25	34	100	29.4	304	325	0.614	SAIP500-Si-25-M	6823
²⁹ Si	99.3	25	54	100	46.6	168	205	0.487	SAIP500-Si-25-L	7987
²⁹ Si	99.3	38	33	100	42.2	322	345	0.414	SAIP500-Si-38-S	6885
²⁹ Si	99.3	38	50	100	64.0	187	227	0.337	SAIP500-Si-38-M	6981
²⁹ Si	99.3	38	80	100	102.4	102	163	0.249	SAIP500-Si-38-L	8196
²⁹ Si	99.3	50	36	100	59.9	342	371	0.282	SAIP500-Si-50-S	6933
²⁹ Si	99.3	50	65	100	108.2	155	216	0.205	SAIP500-Si-50-M	7100
²⁹ Si	99.3	50	108	100	179.7	80	173	0.138	SAIP500-Si-50-L	8371
²⁹ Si	99.3	63	55	120	114.4	186	250	0.180	SAIP500-Si-63-S	7123
²⁹ Si	99.3	63	80	120	166.4	113	202	0.137	SAIP500-Si-63-M	7269
²⁹ Si	99.3	63	130	120	270.5	61	195	0.086	SAIP500-Si-63-L	8586

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.