



Field 9.4 T, ¹ H at 400 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 \$ *	
¹ H	400	25	22	100	9.8	198	278	0.397	SAIP400-H-25-S	9743	
¹ H	400	25	34	100	13.2	150	288	0.288	SAIP400-H-25-M	10340	
¹ H	400	25	54	100	21.0	85	252	0.194	SAIP400-H-25-L	12339	
¹ H	400	38	33	100	15.2	249	542	0.182	SAIP400-H-38-S	11497	
¹ H	400	38	50	100	20.5	185	618	0.127	SAIP400-H-38-M	12431	
¹ H	400	38	80	100	41.0	74	388	0.080	SAIP400-H-38-L	14428	
¹ H	400	50	36	100	19.2	348	774	0.121	SAIP400-H-50-S	11954	
¹ H	400	50	65	100	34.6	164	662	0.073	SAIP400-H-50-M	13639	
¹ H	400	50	108	100	57.5	89	610	0.045	SAIP400-H-50-L	16914	
¹ H	400	63	55	120	36.6	211	696	0.067	SAIP400-H-63-S	13873	
¹ H	400	63	80	120	53.3	135	643	0.048	SAIP400-H-63-M	15447	
¹ H	400	63	130	120	86.5	79	598	0.031	SAIP400-H-63-L	19404	
¹⁹ F	375.8	25	22	100	15.2	101	140	0.382	SAIP400-F-25-S	10129	
¹⁹ F	375.8	25	34	100	11.7	204	372	0.303	SAIP400-F-25-M	11248	
¹⁹ F	375.8	25	54	100	18.7	116	322	0.205	SAIP400-F-25-L	13162	
¹⁹ F	375.8	38	33	100	13.5	338	706	0.191	SAIP400-F-38-S	12347	
¹⁹ F	375.8	38	50	100	20.5	198	634	0.133	SAIP400-F-38-M	13185	
¹⁹ F	375.8	38	80	100	41.0	78	397	0.084	SAIP400-F-38-L	15031	
¹⁹ F	375.8	50	36	100	19.2	372	808	0.126	SAIP400-F-50-S	12758	
¹⁹ F	375.8	50	65	100	34.6	174	693	0.075	SAIP400-F-50-M	14264	
¹⁹ F	375.8	50	108	100	57.5	94	643	0.047	SAIP400-F-50-L	17307	
¹⁹ F	375.8	63	55	120	36.6	222	736	0.069	SAIP400-F-63-S	14474	
¹⁹ F	375.8	63	80	120	53.3	140	684	0.049	SAIP400-F-63-M	15874	
¹⁹ F	375.8	63	130	120	86.5	81	637	0.031	SAIP400-F-63-L	19511	
³¹ P	161.8	25	22	100	15.2	277	293	0.614	SAIP400-P-25-S	7580	
³¹ P	161.8	25	34	100	23.5	159	188	0.496	SAIP400-P-25-M	7726	
³¹ P	161.8	25	54	100	37.3	90	131	0.374	SAIP400-P-25-L	9086	
³¹ P	161.8	38	33	100	33.8	171	209	0.327	SAIP400-P-38-S	7863	
³¹ P	161.8	38	50	100	51.2	101	155	0.251	SAIP400-P-38-M	8079	
³¹ P	161.8	38	80	100	81.9	57	132	0.169	SAIP400-P-38-L	9554	
³¹ P	161.8	50	36	100	47.9	183	238	0.216	SAIP400-P-50-S	7970	
³¹ P	161.8	50	65	100	86.5	85	177	0.139	SAIP400-P-50-M	8347	
³¹ P	161.8	50	108	100	143.8	46	198	0.079	SAIP400-P-50-L	9956	
³¹ P	161.8	63	55	120	91.5	103	210	0.120	SAIP400-P-63-S	8398	
³¹ P	161.8	63	80	120	133.1	65	214	0.082	SAIP400-P-63-M	8731	
³¹ P	161.8	63	130	120	108.2	120	624	0.059	SAIP400-P-63-L	11034	



SAIP Continued: Field 9.4 T, ¹H at 400 MHz							Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
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¹³ C	100.5	25	22	100	15.2	527	530	0.735	SAIP400-C-25-S	7302
¹³ C	100.5	25	34	100	23.5	299	321	0.611	SAIP400-C-25-M	7374
¹³ C	100.5	25	54	100	37.3	165	202	0.485	SAIP400-C-25-L	8634
¹³ C	100.5	38	33	100	33.8	317	341	0.412	SAIP400-C-38-S	7442
¹³ C	100.5	38	50	100	51.2	184	225	0.335	SAIP400-C-38-M	7548
¹³ C	100.5	38	80	100	81.9	101	161	0.247	SAIP400-C-38-L	8862
¹³ C	100.5	50	36	100	47.9	337	367	0.280	SAIP400-C-50-S	7495
¹³ C	100.5	50	65	100	86.5	153	214	0.203	SAIP400-C-50-M	7679
¹³ C	100.5	50	108	100	143.8	79	172	0.136	SAIP400-C-50-L	9055
¹³ C	100.5	63	55	120	91.5	184	248	0.178	SAIP400-C-63-S	7704
¹³ C	100.5	63	80	120	133.1	112	201	0.136	SAIP400-C-63-M	7864
¹³ C	100.5	63	130	120	216.4	60	196	0.085	SAIP400-C-63-L	9291
²⁹ Si	79.5	25	22	100	15.2	729	724	0.795	SAIP400-Si-25-S	7221
²⁹ Si	79.5	25	34	100	23.5	413	430	0.668	SAIP400-Si-25-M	7273
²⁹ Si	79.5	25	54	100	37.3	226	261	0.539	SAIP400-Si-25-L	8504
²⁹ Si	79.5	38	33	100	33.8	436	453	0.452	SAIP400-Si-38-S	7321
²⁹ Si	79.5	38	50	100	51.2	252	288	0.374	SAIP400-Si-38-M	7397
²⁹ Si	79.5	38	80	100	81.9	136	194	0.285	SAIP400-Si-38-L	8666
²⁹ Si	79.5	50	36	100	47.9	462	482	0.309	SAIP400-Si-50-S	7358
²⁹ Si	79.5	50	65	100	86.5	207	261	0.232	SAIP400-Si-50-M	7489
²⁹ Si	79.5	50	108	100	143.8	106	190	0.164	SAIP400-Si-50-L	8802
²⁹ Si	79.5	63	55	120	91.5	249	301	0.205	SAIP400-Si-63-S	7507
²⁹ Si	79.5	63	80	120	133.1	150	226	0.162	SAIP400-Si-63-M	7620
²⁹ Si	79.5	63	130	120	216.4	79	193	0.108	SAIP400-Si-63-L	8967

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 \$3,300 (US List Price).

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