



Field 4.7 T, ¹ H at 200 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	200	25	22	100	9.8	127	140	0.559	SAIP200-H-25-S	7783	
¹ H	200	25	34	100	13.2	97	122	0.442	SAIP200-H-25-M	7983	
¹ H	200	25	54	100	21.0	55	91	0.324	SAIP200-H-25-L	9418	
¹ H	200	38	33	100	19.0	104	141	0.286	SAIP200-H-38-S	8172	
¹ H	200	38	50	100	25.6	79	143	0.211	SAIP200-H-38-M	8471	
¹ H	200	38	80	100	41.0	45	135	0.136	SAIP200-H-38-L	10070	
¹ H	200	50	36	100	24.0	142	213	0.185	SAIP200-H-50-S	8320	
¹ H	200	50	65	100	43.3	68	185	0.110	SAIP200-H-50-M	8845	
¹ H	200	50	108	100	35.9	122	528	0.078	SAIP200-H-50-L	11216	
¹ H	200	63	55	120	45.8	82	216	0.096	SAIP200-H-63-S	8917	
¹ H	200	63	80	120	33.3	176	634	0.077	SAIP200-H-63-M	9965	
¹ H	200	63	130	120	54.1	95	622	0.048	SAIP200-H-63-L	11922	
¹⁹ F	187.9	25	22	100	7.6	228	247	0.575	SAIP200-F-25-S	8878	
¹⁹ F	187.9	25	34	100	11.7	132	163	0.458	SAIP200-F-25-M	9060	
¹⁹ F	187.9	25	54	100	18.7	75	119	0.338	SAIP200-F-25-L	10470	
¹⁹ F	187.9	38	33	100	16.9	142	186	0.298	SAIP200-F-38-S	9232	
¹⁹ F	187.9	38	50	100	25.6	85	145	0.223	SAIP200-F-38-M	9503	
¹⁹ F	187.9	38	80	100	41.0	48	133	0.145	SAIP200-F-38-L	11061	
¹⁹ F	187.9	50	36	100	24.0	153	219	0.194	SAIP200-F-50-S	9366	
¹⁹ F	187.9	50	65	100	43.3	72	181	0.118	SAIP200-F-50-M	9842	
¹⁹ F	187.9	50	108	100	35.9	131	527	0.083	SAIP200-F-50-L	12152	
¹⁹ F	187.9	63	55	120	45.8	88	213	0.103	SAIP200-F-63-S	9907	
¹⁹ F	187.9	63	80	120	33.3	189	638	0.082	SAIP200-F-63-M	10910	
¹⁹ F	187.9	63	130	120	54.1	101	625	0.051	SAIP200-F-63-L	12788	
³¹ P	80.9	25	22	100	7.6	712	707	0.790	SAIP200-P-25-S	7226	
³¹ P	80.9	25	34	100	11.7	403	420	0.663	SAIP200-P-25-M	7279	
³¹ P	80.9	25	54	100	18.7	221	256	0.535	SAIP200-P-25-L	8512	
³¹ P	80.9	38	33	100	16.9	426	443	0.449	SAIP200-P-38-S	7329	
³¹ P	80.9	38	50	100	25.6	246	282	0.371	SAIP200-P-38-M	7406	
³¹ P	80.9	38	80	100	41.0	133	191	0.282	SAIP200-P-38-L	8678	
³¹ P	80.9	50	36	100	24.0	451	472	0.307	SAIP200-P-50-S	7367	
³¹ P	80.9	50	65	100	43.3	202	257	0.230	SAIP200-P-50-M	7501	
³¹ P	80.9	50	108	100	71.9	103	188	0.162	SAIP200-P-50-L	8818	
³¹ P	80.9	63	55	120	45.8	243	296	0.203	SAIP200-P-63-S	7519	
³¹ P	80.9	63	80	120	66.6	147	224	0.160	SAIP200-P-63-M	7635	
³¹ P	80.9	63	130	120	108.2	77	192	0.106	SAIP200-P-63-L	8988	



Small Animal Imaging Platforms (SAIP)

SAIP Continued: Field 4.7 T, ¹H at 200 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	50.2	25	22	100	7.6	1396	1364	0.916	SAIP200-C-25-S	7123	
¹³ C	50.2	25	34	100	11.7	785	789	0.780	SAIP200-C-25-M	7150	
¹³ C	50.2	25	54	100	18.7	428	456	0.646	SAIP200-C-25-L	8348	
¹³ C	50.2	38	33	100	16.9	826	824	0.530	SAIP200-C-38-S	7175	
¹³ C	50.2	38	50	100	25.6	473	499	0.450	SAIP200-C-38-M	7214	
¹³ C	50.2	38	80	100	41.0	253	305	0.360	SAIP200-C-38-L	8431	
¹³ C	50.2	50	36	100	24.0	872	869	0.364	SAIP200-C-50-S	7195	
¹³ C	50.2	50	65	100	43.3	386	428	0.287	SAIP200-C-50-M	7262	
¹³ C	50.2	50	108	100	71.9	194	268	0.218	SAIP200-C-50-L	8501	
¹³ C	50.2	63	55	120	45.8	463	497	0.252	SAIP200-C-63-S	7271	
¹³ C	50.2	63	80	120	66.6	276	337	0.210	SAIP200-C-63-M	7329	
¹³ C	50.2	63	130	120	108.2	143	239	0.154	SAIP200-C-63-L	8585	
²⁹ Si	39.7	25	22	100	7.6	1952	1900	0.982	SAIP200-Si-25-S	7093	
²⁹ Si	39.7	25	34	100	11.7	1096	1089	0.839	SAIP200-Si-25-M	7112	
²⁹ Si	39.7	25	54	100	18.7	595	619	0.701	SAIP200-Si-25-L	8299	
²⁹ Si	39.7	38	33	100	16.9	1152	1135	0.571	SAIP200-Si-38-S	7130	
²⁹ Si	39.7	38	50	100	25.6	657	676	0.488	SAIP200-Si-38-M	7158	
²⁹ Si	39.7	38	80	100	41.0	350	399	0.398	SAIP200-Si-38-L	8359	
²⁹ Si	39.7	50	36	100	24.0	1215	1194	0.393	SAIP200-Si-50-S	7144	
²⁹ Si	39.7	50	65	100	43.3	535	570	0.315	SAIP200-Si-50-M	7193	
²⁹ Si	39.7	50	108	100	71.9	267	338	0.246	SAIP200-Si-50-L	8409	
²⁹ Si	39.7	63	55	120	45.8	642	666	0.275	SAIP200-Si-63-S	7199	
²⁹ Si	39.7	63	80	120	66.6	382	436	0.234	SAIP200-Si-63-M	7240	
²⁹ Si	39.7	63	130	120	108.2	196	287	0.177	SAIP200-Si-63-L	8469	

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.