



Field 7 T, ¹ H at 300 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	300	25	22	100	14.7	78	97	0.447	SAIP300-H-25-S	8408
¹ H	300	25	34	100	19.8	61	95	0.335	SAIP300-H-25-M	8782
¹ H	300	25	54	100	15.7	118	265	0.252	SAIP300-H-25-L	11042
¹ H	300	38	33	100	14.3	231	406	0.225	SAIP300-H-38-S	9720
¹ H	300	38	50	100	19.2	172	447	0.159	SAIP300-H-38-M	10293
¹ H	300	38	80	100	30.7	97	418	0.103	SAIP300-H-38-L	12307
¹ H	300	50	36	100	14.4	482	921	0.148	SAIP300-H-50-S	10582
¹ H	300	50	65	100	32.4	149	522	0.087	SAIP300-H-50-M	11021
¹ H	300	50	108	100	53.9	80	494	0.054	SAIP300-H-50-L	13434
¹ H	300	63	55	120	27.5	275	872	0.080	SAIP300-H-63-S	11742
¹ H	300	63	80	120	39.9	170	822	0.056	SAIP300-H-63-M	12674
¹ H	300	63	130	120	81.1	67	527	0.035	SAIP300-H-63-L	14875
¹⁹ F	281.8	25	22	100	11.4	139	168	0.465	SAIP300-F-25-S	9445
¹⁹ F	281.8	25	34	100	17.6	82	123	0.352	SAIP300-F-25-M	9785
¹⁹ F	281.8	25	54	100	14.0	162	341	0.266	SAIP300-F-25-L	11995
¹⁹ F	281.8	38	33	100	25.3	90	156	0.217	SAIP300-F-38-S	10108
¹⁹ F	281.8	38	50	100	19.2	185	452	0.168	SAIP300-F-38-M	11206
¹⁹ F	281.8	38	80	100	30.7	103	420	0.109	SAIP300-F-38-L	13134
¹⁹ F	281.8	50	36	100	14.4	520	949	0.155	SAIP300-F-50-S	11524
¹⁹ F	281.8	50	65	100	32.4	159	533	0.092	SAIP300-F-50-M	11861
¹⁹ F	281.8	50	108	100	53.9	85	505	0.057	SAIP300-F-50-L	14144
¹⁹ F	281.8	63	55	120	27.5	293	905	0.083	SAIP300-F-63-S	12568
¹⁹ F	281.8	63	80	120	39.9	180	856	0.059	SAIP300-F-63-M	13402
¹⁹ F	281.8	63	130	120	81.1	70	549	0.036	SAIP300-F-63-L	15429
³¹ P	121.3	25	22	100	11.4	407	416	0.687	SAIP300-P-25-S	7390
³¹ P	121.3	25	34	100	17.6	232	257	0.566	SAIP300-P-25-M	7485
³¹ P	121.3	25	54	100	28.0	129	168	0.441	SAIP300-P-25-L	8776
³¹ P	121.3	38	33	100	25.3	247	276	0.380	SAIP300-P-38-S	7575
³¹ P	121.3	38	50	100	38.4	144	189	0.302	SAIP300-P-38-M	7715
³¹ P	121.3	38	80	100	61.4	79	144	0.216	SAIP300-P-38-L	9078
³¹ P	121.3	50	36	100	35.9	263	302	0.256	SAIP300-P-50-S	7644
³¹ P	121.3	50	65	100	64.9	120	191	0.178	SAIP300-P-50-M	7888
³¹ P	121.3	50	108	100	107.8	63	170	0.113	SAIP300-P-50-L	9335
³¹ P	121.3	63	55	120	68.7	145	223	0.156	SAIP300-P-63-S	7921
³¹ P	121.3	63	80	120	99.9	89	196	0.114	SAIP300-P-63-M	8134
³¹ P	121.3	63	130	120	162.3	48	219	0.067	SAIP300-P-63-L	9650

SAIP Continued: Field 7 T, ¹H at 300 MHz							Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
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¹³ C	75.4	25	22	100	11.4	786	779	0.809	SAIP300-C-25-S	7206
¹³ C	75.4	25	34	100	17.6	444	460	0.681	SAIP300-C-25-M	7254
¹³ C	75.4	25	54	100	28.0	244	278	0.551	SAIP300-C-25-L	8480
¹³ C	75.4	38	33	100	25.3	469	484	0.461	SAIP300-C-38-S	7299
¹³ C	75.4	38	50	100	38.4	270	306	0.383	SAIP300-C-38-M	7369
¹³ C	75.4	38	80	100	61.4	146	203	0.294	SAIP300-C-38-L	8630
¹³ C	75.4	50	36	100	35.9	497	515	0.315	SAIP300-C-50-S	7333
¹³ C	75.4	50	65	100	64.9	222	275	0.239	SAIP300-C-50-M	7454
¹³ C	75.4	50	108	100	107.8	113	195	0.171	SAIP300-C-50-L	8756
¹³ C	75.4	63	55	120	68.7	267	317	0.210	SAIP300-C-63-S	7471
¹³ C	75.4	63	80	120	99.9	161	235	0.168	SAIP300-C-63-M	7575
¹³ C	75.4	63	130	120	162.3	85	195	0.113	SAIP300-C-63-L	8909
²⁹ Si	59.6	25	22	100	11.4	1094	1074	0.870	SAIP300-Si-25-S	7152
²⁹ Si	59.6	25	34	100	17.6	617	626	0.738	SAIP300-Si-25-M	7187
²⁹ Si	59.6	25	54	100	28.0	337	368	0.606	SAIP300-Si-25-L	8394
²⁹ Si	59.6	38	33	100	25.3	650	656	0.501	SAIP300-Si-38-S	7219
²⁹ Si	59.6	38	50	100	38.4	373	403	0.422	SAIP300-Si-38-M	7269
²⁹ Si	59.6	38	80	100	61.4	200	254	0.332	SAIP300-Si-38-L	8501
²⁹ Si	59.6	50	36	100	35.9	687	693	0.343	SAIP300-Si-50-S	7244
²⁹ Si	59.6	50	65	100	64.9	305	352	0.267	SAIP300-Si-50-M	7330
²⁹ Si	59.6	50	108	100	107.8	154	231	0.198	SAIP300-Si-50-L	8591
²⁹ Si	59.6	63	55	120	68.7	366	407	0.235	SAIP300-Si-63-S	7341
²⁹ Si	59.6	63	80	120	99.9	219	285	0.193	SAIP300-Si-63-M	7416
²⁹ Si	59.6	63	130	120	162.3	114	214	0.137	SAIP300-Si-63-L	8699

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 us at 1-803-738-6832) for more information.