



Field 7 T, <sup>1</sup> 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 \$ *
<sup>1</sup> H	300	25	22	100	14.7	78	97	0.447	SAIP300-H-25-S	7785
<sup>1</sup> H	300	25	34	100	19.8	61	95	0.335	SAIP300-H-25-M	8132
<sup>1</sup> H	300	25	54	100	15.7	118	265	0.252	SAIP300-H-25-L	10224
<sup>1</sup> H	300	38	33	100	14.3	231	406	0.225	SAIP300-H-38-S	9000
<sup>1</sup> H	300	38	50	100	19.2	172	447	0.159	SAIP300-H-38-M	9530
<sup>1</sup> H	300	38	80	100	30.7	97	418	0.103	SAIP300-H-38-L	11396
<sup>1</sup> H	300	50	36	100	14.4	482	921	0.148	SAIP300-H-50-S	9798
<sup>1</sup> H	300	50	65	100	32.4	149	522	0.087	SAIP300-H-50-M	10205
<sup>1</sup> H	300	50	108	100	53.9	80	494	0.054	SAIP300-H-50-L	12439
<sup>1</sup> H	300	63	55	120	27.5	275	872	0.080	SAIP300-H-63-S	10873
<sup>1</sup> H	300	63	80	120	39.9	170	822	0.056	SAIP300-H-63-M	11735
<sup>1</sup> H	300	63	130	120	81.1	67	527	0.035	SAIP300-H-63-L	13773
<sup>19</sup> F	281.8	25	22	100	11.4	139	168	0.465	SAIP300-F-25-S	8745
<sup>19</sup> F	281.8	25	34	100	17.6	82	123	0.352	SAIP300-F-25-M	9060
<sup>19</sup> F	281.8	25	54	100	14.0	162	341	0.266	SAIP300-F-25-L	11107
<sup>19</sup> F	281.8	38	33	100	25.3	90	156	0.217	SAIP300-F-38-S	9360
<sup>19</sup> F	281.8	38	50	100	19.2	185	452	0.168	SAIP300-F-38-M	10375
<sup>19</sup> F	281.8	38	80	100	30.7	103	420	0.109	SAIP300-F-38-L	12161
<sup>19</sup> F	281.8	50	36	100	14.4	520	949	0.155	SAIP300-F-50-S	10670
<sup>19</sup> F	281.8	50	65	100	32.4	159	533	0.092	SAIP300-F-50-M	10982
<sup>19</sup> F	281.8	50	108	100	53.9	85	505	0.057	SAIP300-F-50-L	13096
<sup>19</sup> F	281.8	63	55	120	27.5	293	905	0.083	SAIP300-F-63-S	11637
<sup>19</sup> F	281.8	63	80	120	39.9	180	856	0.059	SAIP300-F-63-M	12410
<sup>19</sup> F	281.8	63	130	120	81.1	70	549	0.036	SAIP300-F-63-L	14286
<sup>31</sup> P	121.3	25	22	100	11.4	407	416	0.687	SAIP300-P-25-S	6842
<sup>31</sup> P	121.3	25	34	100	17.6	232	257	0.566	SAIP300-P-25-M	6931
<sup>31</sup> P	121.3	25	54	100	28.0	129	168	0.441	SAIP300-P-25-L	8126
<sup>31</sup> P	121.3	38	33	100	25.3	247	276	0.380	SAIP300-P-38-S	7014
<sup>31</sup> P	121.3	38	50	100	38.4	144	189	0.302	SAIP300-P-38-M	7143
<sup>31</sup> P	121.3	38	80	100	61.4	79	144	0.216	SAIP300-P-38-L	8406
<sup>31</sup> P	121.3	50	36	100	35.9	263	302	0.256	SAIP300-P-50-S	7078
<sup>31</sup> P	121.3	50	65	100	64.9	120	191	0.178	SAIP300-P-50-M	7304
<sup>31</sup> P	121.3	50	108	100	107.8	63	170	0.113	SAIP300-P-50-L	8644
<sup>31</sup> P	121.3	63	55	120	68.7	145	223	0.156	SAIP300-P-63-S	7334
<sup>31</sup> P	121.3	63	80	120	99.9	89	196	0.114	SAIP300-P-63-M	7531
<sup>31</sup> P	121.3	63	130	120	162.3	48	219	0.067	SAIP300-P-63-L	8935

<b>SAIP Continued: Field 7 T, <sup>1</sup>H at 300 MHz</b>							<b>Prices are domestic US prices. Foreign prices are higher, plus taxes.*</b>			
<b>Nuclide</b>	<b>Coil Freq MHz</b>	<b>SAIP ID mm</b>	<b>Coil Rung Lgh mm</b>	<b>Removable Shield Dia. mm</b>	<b>Calc. pw90 micro-s</b>	<b>Power No Load, W</b>	<b>Power Loaded, W</b>	<b>Loaded B1 @ 100 W, mT</b>	<b>DSI Part # (Field -Nuclide -Coil ID -Short, Medium, or Long)</b>	<b>Price Each, US \$ *</b>
<sup>13</sup> C	75.4	25	22	100	11.4	786	779	0.809	SAIP300-C-25-S	6672
<sup>13</sup> C	75.4	25	34	100	17.6	444	460	0.681	SAIP300-C-25-M	6717
<sup>13</sup> C	75.4	25	54	100	28.0	244	278	0.551	SAIP300-C-25-L	7852
<sup>13</sup> C	75.4	38	33	100	25.3	469	484	0.461	SAIP300-C-38-S	6758
<sup>13</sup> C	75.4	38	50	100	38.4	270	306	0.383	SAIP300-C-38-M	6823
<sup>13</sup> C	75.4	38	80	100	61.4	146	203	0.294	SAIP300-C-38-L	7991
<sup>13</sup> C	75.4	50	36	100	35.9	497	515	0.315	SAIP300-C-50-S	6790
<sup>13</sup> C	75.4	50	65	100	64.9	222	275	0.239	SAIP300-C-50-M	6902
<sup>13</sup> C	75.4	50	108	100	107.8	113	195	0.171	SAIP300-C-50-L	8107
<sup>13</sup> C	75.4	63	55	120	68.7	267	317	0.210	SAIP300-C-63-S	6917
<sup>13</sup> C	75.4	63	80	120	99.9	161	235	0.168	SAIP300-C-63-M	7014
<sup>13</sup> C	75.4	63	130	120	162.3	85	195	0.113	SAIP300-C-63-L	8249
<sup>29</sup> Si	59.6	25	22	100	11.4	1094	1074	0.870	SAIP300-Si-25-S	6623
<sup>29</sup> Si	59.6	25	34	100	17.6	617	626	0.738	SAIP300-Si-25-M	6654
<sup>29</sup> Si	59.6	25	54	100	28.0	337	368	0.606	SAIP300-Si-25-L	7772
<sup>29</sup> Si	59.6	38	33	100	25.3	650	656	0.501	SAIP300-Si-38-S	6684
<sup>29</sup> Si	59.6	38	50	100	38.4	373	403	0.422	SAIP300-Si-38-M	6730
<sup>29</sup> Si	59.6	38	80	100	61.4	200	254	0.332	SAIP300-Si-38-L	7871
<sup>29</sup> Si	59.6	50	36	100	35.9	687	693	0.343	SAIP300-Si-50-S	6707
<sup>29</sup> Si	59.6	50	65	100	64.9	305	352	0.267	SAIP300-Si-50-M	6787
<sup>29</sup> Si	59.6	50	108	100	107.8	154	231	0.198	SAIP300-Si-50-L	7954
<sup>29</sup> Si	59.6	63	55	120	68.7	366	407	0.235	SAIP300-Si-63-S	6797
<sup>29</sup> Si	59.6	63	80	120	99.9	219	285	0.193	SAIP300-Si-63-M	6866
<sup>29</sup> Si	59.6	63	130	120	162.3	114	214	0.137	SAIP300-Si-63-L	8054

**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](mailto:sales@dotynmr.com) (or call us at 1-803-738-6832) for more information.