

	A	B	C	D	E	F	G
1		CARTRIDGES FOR PHONOGRAPH		F. GADEK	1/25/2007		
2				CARTRIDGE			
3	#		UNITS	MODEL	MODEL	MODEL	MODEL
4		SPECS			AUDIO-TECHNICA	ORTOPHON	STANTON
5							
6				ATP-2	AT71ELC	OM 3E	500 V3
7							
8							
9		HAVE		YES	YES	YES	YES
10		SOURCE #		6	3	4	7
11	1	FREQUENCY RESPONSE	HZ-KHZ	15-22000 HZ	20-22 [15-25]	20-18	20 - 17
12	2	CHANNEL SEPARATION	DB AT 1 KHZ/10 KHZ	23/17 DB AT 1-10 K	22/17 [26/17]	1 [22 AT 1KHZ, 15	> 28
13	6	CHANNEL BALANCE	DB AT 1 KHZ/10 KHZ	1.5 DB	1.5 [1]	1 [2]	< 2
14	3	VERTICLE TRACK FORCE	GRAMS	3 TO 5	1.0-2.0 [1.25]	1.5-2.0g (15-20.0 m	2 TO 5
15		OPTIMUM TRACK FORCE				1.75 g (17.5 mN)	
16	5	OUTPUT	MV AT 1 KHZ 5 CM/SEC	5.3MV	3.5 [3.0]	4	4.6
17	4	STYLUS CONSTRUCTION		BONDED RD SHANK			
18	7	STYLUS SHAPE	MM	0.4 X 0.7 MM ELLIP	ELLIPTICAL	ELLIPTICAL	SPHERICAL
19		STYLUS DIMENSIONS	MM OR MIL		0.4-0.7	rR 8/18 um	"0.7"
20	8	CANTILEVER		ALLOY TUBE			
21	9	MOUNT		1/2 INCH & P			
22	10	REPLACEMENT STYLUS		ATPN2		3 E	N 500
23	11	COST			45		
24		CARTRIDGE WEIGHT				5	6
25		WITH ADAPTER					"5.5"
26	15	COMMENTS					
27							
28							
29							
30							
31	12	RESISTANCE, DC, OHMS					535
32	13	INDUCTANCE, "mH"		mH		450	400
33	14	TRACKING ABILITY				60 um	

	A	B	C	D	E	F	G
34	16	REC IMPEDENCE	OHMS		47000	750	
35		REC FORCE	GRAMS, G				
36		DC RESISTANCE	OHMS			47 kohm	
37		REC LOAD, KOHMS / "pF"					47 / 275
38		CARTRIDGE HEIGHT, MM					16
39		CART HEIGHT MM W/ADAPTER					
40		LOAD CAPACITANCE Pf			100-200	200-600	
41		FREQ RANGE AT -3DB				20-22000 HZ	
42		COMPLIANCE, DYNAMIC , LATERAL				20um/mN	
43		EQUIV STYLUS TIP MASS				0.5 mg	
44		TRACKING ANGLE				20 DEG	
45		TRACKABILITY AT 1G TRACKING FORCE					
46		STYLUS TIP RADIUS				r/R 8/18 um	
47		EQUIV STYLUS TIP MASS				0.5 mg	
48		78 RPM STYLUS				OM 78	
49		78 RPM COST					69
50		SOURCE OF INFO		AT PHONO	ALSO TURNTABLE	[BROCHURE]	
51				MANUAL	BASICS IN []		
52							
53							
54		<u>OTHER 78 RPM STYLI</u>					
55		MODEL		D5127	4820-D3	4604-D3	
56		SOURCE		KABUSA	KABUSA		
57		COST		50	23		
58		FOR CARTRIDGE		STANTON 500	STANTON 500	PICKERING	
59				PICKERING?		V-15	
60		REPLACES			D5127	D1527	
61				GENUINE	GENERIC	GENERIC	
62		TRACKING FORCE	GRAMS	3 TO 7	3 TO 7		
63		STYLUS SHAPE			SPHERICAL		
64		STYLUS COMPOSITION			DIAMOND		
65		STYLUS DIMENSIONS	MILS, 1000TH INCH	2.7	3		
66		COMMENTS		TINY BLUE	TINY BLUE	V15-78	

	A	B	C	D	E	F	G	
67				STICK ON LABEL	STICK ON LABEL			
68				"+ SILVER INSIG-	BUT "NO" SILVER			
69				NIA	INSIGNIA			
70				SL LESS THAN				
71				3 MIL TO GO				
72				BELOW WORN				
73				GROOVE				
74		NOTES:						
75		[1] AT = AUDIO-TCHNICA						
76		[2] CAME WITH RS 2000 / GARRARD 3000 IS PICKERING PLAINVIEW, NY V15-AC-2 - IT PLAYS 78'S						
77		[3] ELLIPTICAL ALSO CALLED BIRADIAL						
78				SINCE TURNTABLE PLAYS THEM - 1/2" MOUNT [2 SCREWS] NOT P MOUN				
79		[4] SOURCES						
80		[5] RS PHONO IS M2000 STEREO SYSTEM		#1 = CAME WITH AUDIO-TECHNICA AT-PL120 TURNTABLE				
81		GARRARD 3000 TURNTABLE		#2 = RECOMMENDED REPLACEMENT BY AUDIO-TECHNICA FOR AT-PL11				
82				#3 = TURNTABLEBASICS				
83				#4 = NEEDLEDOCTOR				
84				#5 = AUDIO-TECHNICA				
85				#6 = AMAZON				
86				#7 = KABUSA				
87				#8 = GARAGE RECORDS????				

PHONOGRAPH CARTRIDGES

	H	I	J	K	L	M	N	O
1								
2								
3	MODEL	MODEL	MODEL	MODEL	MODEL		MODEL	MODEL
4	SHURE	NEW	RS PHONO			AUDIO	STANTON	STANTON
5		PICKERING	ORIGINAL			TECHNICA		
6	M92E	NP/AC	PICKERING	ATPN-2	ATP-2XN	AT-92ECD	400 V3	500 AL II
7			V15-AC-2			"UNIVERSAL		500 V3
8						MOUNT"		<u>REPLACES IT</u>
9	YES	YES	YES					
10		8???			1 & 6			
11	20-18				15-22	15-27	20-15000	20-17 KH
12	20				23/17 [1-10]		> 20	28 DB AT 1 KH
13	2				1.5			2 2 DB
14	0.75-1.5 [1.25]				"3-5		"3-7	2-5 G
15	1.25							
16	5.0	10.0			5.3		<u>10.0 MV - HIGH</u>	4.6 MV AT 1 KHZ
17					BONDED RD SHANK			
18	ELLIPTICAL	SPHERICAL			0.4 X 0.7 ELLIPTIC	ELLIPTICAL	0.7 SPHERICAL	SPHERICAL DIAM
19	0.4-0.7	0.7				<u>0.3-0.7</u>		0.7
20					ALLOY TUBE			
21					1/2 INCH & P			
22	N92E [\$17]	PD07C			ATP-N2		N 400 / D-PD 07C	D5100-AL-II
23	40/27/22				70	28	20	32, 40
24	5.9						5.5	5.5
25	7.4							
26				REPLACEMENT			LOUDEST!	
27				FOR ATP-2				
28								
29								
30								
31							535 OHM	535 OHMS
32							400 MH NOM	400 MH
33								80 u AT 3 G

PHONOGRAPH CARTRIDGES

	H	I	J	K	L	M	N	O
34					47000 OHMS			
35		"3-7						
36							535	535
37	47KOHMS IN PARALLEL WITH 250 pf						47 / 275	
38								
39	15.875						16	
40								
41								
42								
43								
44								
45	400 HZ TO 24 CM/SEC							
46								
47								
48	N78S							D5127
49	60							
50	brochure & amazon						FLIER FOR	MAINE WWW
51							500 V3	KABUSA
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65								
66								

	H	I	J	K	L	M	N	O
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78	NT							
79								
80								
81	20 TURNTABLE - AMAZON							
82								
83								
84								
85								
86								
87								

PHONOGRAPH CARTRIDGES

	P	Q
1		
2		
3	MODEL	
4	STANTON	
5		
6	500E MK2	
7	500 V3	
8	REPLACES IT???	
9		
10		
11	"10-22	
12		
13		2
14	"1-2	
15		
16	"5.0	
17		
18	ELLIPTICAL	
19	0.4-0.7	
20		
21		
22	MANY d50e mkii	
23		35
24	"5.5	
25		
26		
27		
28		
29		
30		
31		
32		400
33	80 AT 3 G	

PHONOGRAPH CARTRIDGES

	P	Q
34		
35		
36		
37	47 K OHMS & 275 pF	
38		
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44		
45	80u at 1.25	
46		
47		
48	D5127	
49		
50	KABUSA	
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PHONOGRAPH CARTRIDGES

	P	Q
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