

ADDITIONAL TUBE DATA

MODEL 8-77



STARK ELECTRONIC INSTRUMENTS LTD.

AJAX

2-3-58

ONTARIO

IMPORTANT

This booklet contains test data for all American four pin, five pin, six pin, seven pin, Loctal, acorn, non standard base types, Western Electric and European tubes.

The octals, seven pin miniature, nine pin miniature and sub minatures appear on the chart.

AMERICAN LOCTAL 4, 5, 6 & 7 PIN BASE TYPE TUBES

1A4	2.0	GR-X230-0	11	21	B	410	650	
1A6	2.0	GR-X253-4	12	24	B	425	675	Pent. Sect.
1A6	2.0	GR-435X-2	12	73	B	126	200	OSC. SECT. OK ABOVE 125
1AF5	1.4	BX-6540-0	11	73	B	252	400	PENT SECT OK ABOVE 250
1AF5	1.4	BX-0300-0	0	0	C		-----	Diode Sect.
1B4	2.0	GR-X230-0	17	35	B	505	800	
1B5	2.0	GR-5200-0	24	11	A	360	575	Triode Sect.
1B5	2.0	GR-0400-0	0	30	C		-----	Diode No. 1
1B5	2.0	GR-0300-0	0	30	C		-----	Diode No. 2
1C6	2.0	GR-X253-4	11	35	B	505	800	Ampl. Sect.
1C6	2.0	GR-4352-X	11	0	B	315	500	Osc. Sect.
1F4	2.0	GR-3250-0	16	62	A	880	1400	
1F6	2.0	GR-X230-0	8	21	B	410	650	Pent. Sect.
1F6	2.0	GR-0500-0	0	0	C		-----	Diode No. 1
1F6	2.0	GR-0400-0	0	0	C		-----	Diode No. 2
1LA4	1.4	JR-6230-0	38	35	A	505	800	
1LA6	1.4	JR-6253-4	11	21	B	410	650	Pent. Sect.
1LA6	1.4	JR-4352-6	14	0	B	315	500	Osc. Sect.
1LB4	1.4	JR-6230-0	46	44	A	580	925	
1LC5	1.4	JR-6234-0	11	15	B	380	600	
1LC6	1.4	JR-6253-4	10	48	B	630	1000	Pent. Sect.
1LC6	1.4	JR-4352-6	30	7	B	345	550	Osc. Sect.
1LD5	1.4	JR-6230-0	11	0	B	315	500	Pent. Sect.
1LD5	1.4	JR-0400-0	0	0	C		-----	Diode Sect.
1LE3	1.4	JR-6200-0	25	56	A	755	1200	
1LF3	1.4	JR-6200-0	25	56	A	755	1200	
1LG5	1.4	JR-6234-0	15	50	A	660	1050	
1LH4	1.4	JR-6200-0	16	0	A	180	275	TRIODE SECT. OK ABOVE 600 ON 3000 SCALE
1LH4	1.4	BY-0400-0	0	35	C		-----	Diode Sect.
1LN5	1.4	JR-6234-0	11	31	A	470	750	
1R4	1.4	JR-0407-0	0	40	C		-----	Diode
1V	5.3	GR-0203-0	0	75	D		-----	
2A3	2.5	GR-3200-0	68	81	A	1890	3000	
2A5	2.5	GR-4235-0	23	70	A	1135	1800	
2A6	2.5	GR-X205-0	14	31	A	470	750	Triode Sect.
2A6	2.5	GR-0405-0	0	26	C		-----	Diode No. 1
2A6	2.5	GR-0305-0	0	26	C		-----	Diode No. 2
2C45	7.5	ER-3200-0	37	75	A	1260	2000	
2E5	2.5	GR-3405-0	100	100	A		-----	Eye Open
2E5	2.5	GR-3425-0	100	100	A		-----	Eye Closed
2E22	6.3	GR-3X25-0	40	75	A	1385	2200	
2V2	2.5	GR-0X00-0	0	68	F		-----	
2X2A	2.5	GR-0X00-0	0	87	F		-----	
2Z2	2.5	GR-0200-0	0	0	D		-----	
3B7	2.5	BY-6700-0	27	65	A	945	1500	Triode No. 1
3B7	2.5	JR-3200-0	27	65	A	945	1500	Triode No. 2
3C6	2.5	BY-5600-0	10	53	A	695	1100	Triode No. 1
3C6	2.5	JR-4300-0	10	53	A	695	1100	Triode No. 2
3D6	2.5	JR-6230-0	36	74	A	1325	2100	

3E6	3.0	JR-6234-0	15	69	A	1100	1750	
3LE4	2.5	JR-6230-0	55	53	A	695	1100	
3LF4	2.5	JR-6230-0	27	67	A	1000	1600	
5AZ4	5.0	JS-0600-4	0	22	D			Plate No. 1
5AZ4	5.0	JS-0400-6	0	18	D			Plate No. 2
5Z3	5.0	GR-0300-0	0	45	D			Plate No. 1
5Z3	5.0	GR-0200-0	0	35	D			Plate No. 2
6A3	6.3	GR-3200-0	66	81	A	1890	3000	
6A4	6.3	GR-3250-0	22	73	A	1260	2000	
6A6	6.3	HR-5604-0	15	65	A	945	1500	Triode No. 1
6A6	6.3	HR-3204-0	15	65	A	945	1500	Triode No. 2
6A7	6.3	HR-X236-5	11	43	B	570	900	Pent. Sect.
6A7	6.3	HR-5436-X	11	26	B	440	700	Osc. Sect.
6AB5	6.3	GR-3405-0	100	100	A			Eye Open
6AB5	6.3	GR-3425-0	100	100	A			Eye Closed
6B5	6.3	GR-4235-0	11	59	A	820	1300	
6B7	6.3	HR-X236-0	22	48	A	630	1000	Pent. Sect.
6B7	6.3	HR-0506-0	0	38	C			Diode No. 1
6B7	6.3	HR-0406-0	0	38	C			Diode No. 2
6C6	6.3	GR-X235-4	20	57	A	770	1225	
6C7	6.3	HR-X206-0	24	58	A	790	1250	Triode Sect.
6C7	6.3	HR-0506-0	0	30	C			Diode No. 1
6C7	6.3	HR-0406-0	0	30	C			Diode No. 2
6D6	6.3	GR-X235-4	13	67	A	1000	1600	
6D7	6.3	HR-X236-4	22	57	A	770	1225	
6E5	6.3	GR-3405-0	100	100	A			Eye Open
6E5	6.3	GR-3425-0	100	100	A			Eye Closed
6E6	6.3	HR-5604-0	51	62	A	880	1400	Triode No. 1
6E6	6.3	HR-3204-0	51	62	A	880	1400	Triode No. 2
6E7	6.3	HR-X236-4	17	65	A	945	1500	
6F4	6.3	HS-1306-0	29	90	A	3780	6000	Use Adapter
6F7	6.3	HR-X236-5	25	53	A	695	1100	Pent. Sect.
6F7	6.3	HR-5406-2	38	0	A	315	500	Triode Sect.
6G5	6.3	GR-3405-0	100	100	A			Eye Open
6G5	6.3	GR-3425-0	100	100	A			Eye Closed
6H5	6.3	GR-3405-0	100	100	A			Eye Open
6H5	6.3	GR-3425-0	100	100	A			Eye Closed
6K4	6.3	DU-2105-0	31	82	A	2015	3200	
6L4	6.3	HS-1306-0	29	81	A	1890	3000	Use Adapter
6N5	6.3	GR-3405-0	100	100	A			Eye Open
6N5	6.3	GR-3425-0	100	100	A			Eye Closed
6T5	6.3	GR-3405-0	100	100	A			Eye Open
6T5	6.3	GR-3425-0	100	100	A			Eye Closed
6U5	6.3	GR-3405-0	100	100	A			Eye Open
6U5	6.3	GR-3425-0	100	100	A			Eye Closed
6Y5	6.3	GR-0504-0	0	88	D			Plate No. 1
6Y5	6.3	GR-0304-0	0	88	D			Plate No. 2
6Z4	6.3	GR-0305-0	0	60	D			Plate No. 1
6Z4	6.3	GR-0205-0	0	60	D			Plate No. 2
7A4	6.3	JR-6207-0	23	79	A	1640	2600	
7A5	6.3	JR-6237-0	30	85	A	2640	4000	
7A6	6.3	JR-0607-5	0	70	C			Diodes No. 1

7R7	6.3	JR-0407-0	0	0	C			Diode No. 1
7R7	6.3	JR-0307-0	0	0	C			Diode No. 2
7S7	6.3	JR-6257-4	15	65	A	945	1500	Hept. Sect.
7S7	6.3	JR-4307-5	11	65	A	945	1500	Triode Sect.
7T7	6.3	JR-6237-4	11	73	A	1260	2000	
7V7	6.3	JR-6237-4	11	73	A	1260	2000	
7W7	6.3	JR-6237-5	11	73	A	1260	2000	
7X6	6.3	JR-0607-0	0	80	D			Plate No. 1
7X6	6.3	JR-0302-0	0	80	D			Plate No. 2
7X7	6.3	JR-3204-0	11	27	A	440	700	Triode Sect.
7X7	6.3	JR-0504-0	0	77	C			Diode No. 1
7X7	6.3	JR-0607-0	0	77	C			Diode No. 2
7Y4	6.3	JR-0607-0	0	65	D			Plate No. 1
7Y4	6.3	JR-0307-0	0	65	D			Plate No. 2
7Z4	6.3	JR-0607-0	0	20	D			Plate No. 1
7Z4	6.3	JR-0307-0	0	20	D			Plate No. 2
10	7.5	GR-3200-0	42	58	A	790	1250	
12A	5.0	GR-3200-0	44	68	A	1040	1650	
12A5	12.6	HR-4235-0	35	70	A	1135	1800	
12A7	12.6	HR-X236-5	40	47	A	615	975	Pent. Sect.
12A7	12.6	HR-0504-0	0	65	D			Rect. Sect.
12B7	12.6	JR-6237-4	12	73	A	1260	2000	
12Z3	12.6	GR-0203-0	0	70	D			
14A4	12.6	JR-6207-0	23	79	A	1640	2600	
14A5	12.6	JR-6237-0	12	81	A	1890	3000	
14A7	12.6	JR-6237-4	12	73	A	1260	2000	
14AF7	12.6	JR-5607-0	23	79	A	1640	2600	Triode No. 1
14AF7	12.6	JR-4302-0	23	79	A	1640	2600	Triode No. 2
14B6	12.6	JR-3207-0	11	27	A	440	700	Triode Sect.
14B6	12.6	JR-0607-0	0	30	C			Diode No. 1
14B6	12.6	JR-0507-0	0	30	C			Diode No. 2
14B8	12.6	JR-6257-4	11	43	B	570	900	Pent. Sect.
14B8	12.6	JR-4357-6	11	26	B	440	700	Osc. Sect.
14C5	12.6	JR-6237-0	20	81	A	1890	3000	
14C7	12.6	JR-6237-4	22	60	A	820	1300	
14E6	12.6	JR-3207-0	23	72	A	1200	1900	Triode Sect.
14E6	12.6	JR-0607-0	0	30	C			Diode No. 1
14E6	12.6	JR-0507-0	0	30	C			Diode No. 2
14E7	12.6	JR-6257-0	22	60	A	820	1300	Pent. Sect.
14E7	12.6	JR-0407-0	0	0	C			Diode No. 1
14E7	12.6	JR-0307-0	0	0	C			Diode No. 2
14F7	12.6	JR-5607-3	10	60	A	820	1300	Triode No. 1
14F7	12.6	JR-4302-6	10	60	A	820	1300	Triode No. 2
14F8	12.6	HR-8605-0	11	85	A	2390	3800	Triode No. 1
14F8	12.6	HS-1304-0	11	85	A	2390	3800	Triode No. 2
14H7	12.6	JR-6237-4	11	73	A	1260	2000	
14J7	12.6	JR-6257-4	21	35	A	505	800	Hept. Sect.
14J7	12.6	JR-4307-5	18	62	A	880	1400	Triode Sect.
14N7	12.6	JR-5607-3	23	73	A	1260	2000	Triode No. 1
14N7	12.6	JR-4302-6	23	73	A	1260	2000	Triode No. 2
14Q7	12.6	JR-6237-4	8	0	B	315	500	Ampl. Sect.
14Q7	12.6	JR-4307-6	11	88	A	3150	5000	Osc. Sect.

14R7	12.6	JR-6257-0	11	72	A	1200	1900	Pent. Sect.
14R7	12.6	JR-0407-0	0	0	C		-----	Diode No. 1
14R7	12.6	JR-0307-0	0	0	C		-----	Diode No. 2
14S7	12.6	JR-6257-4	15	65	A	945	1500	Hept. Sect.
14S7	12.6	JR-4307-5	11	65	A	945	1500	Triode Sect.
14V7	12.6	JR-6237-4	11	73	A	1260	2000	
14W7	12.6	JR-6237-5	11	73	A	1260	2000	
14X7	12.6	JR-3204-0	11	27	A	440	700	Triode Sect.
14X7	12.6	JR-0504-0	0	77	C		-----	Diode No. 1
14X7	12.6	JR-0607-0	0	77	C		-----	Diode No. 2
14Y4	12.6	JR-0607-0	0	65	D		-----	Plate No. 1
14Y4	12.6	JR-0307-0	0	65	D		-----	Plate No. 2
15	2.0	GR-X235-0	11	15	B	380	600	
19	2.0	GR-4500-0	23	48	A	630	1000	Triode No. 1
19	2.0	GR-3200-0	23	48	A	630	1000	Triode No. 2
22	3.0	GR-X230-0	23	0	B	315	500	
24A	2.5	GR-X235-0	12	48	A	630	1000	
25B5	25.0	GR-4235-0	11	59	A	820	1300	
25Y5	25.0	GR-0504-0	0	30	D		-----	Plate No. 1
25Y5	25.0	GR-0203-0	0	30	D		-----	Plate No. 2
25Z5	25.0	GR-0504-0	0	70	D		-----	Plate No. 1
25Z5	25.0	GR-0203-0	0	70	D		-----	Plate No. 2
26	1.4	GR-3200-0	39	55	A	725	1150	
27	2.5	GR-3205-0	41	48	A	630	1000	
28D7	25.0	JR-7536-2	13	83	B	2140	3400	Pent. No. 1
28D7	25.0	JR-2436-7	13	83	B	2140	3400	Pent. No. 2
30	2.0	GR-3200-0	43	42	A	570	900	
31	2.0	GR-3200-0	41	44	A	580	925	
32	2.0	GR-X230-0	20	20	B	405	640	
33	2.0	GR-3250-0	27	60	A	820	1300	
RK33	6.3	HR-4506-0	35	62	A	865	1375	Triode No. 1
RK33	6.3	HR-X302-0	35	62	A	865	1375	Triode No. 2
34	2.0	GR-X230-0	16	15	B	380	600	
35	2.5	GR-X235-0	22	49	A	640	1020	
35Y4	35.0	JR-0207-0	0	88	D		-----	
35Z3	35.0	JR-0207-0	0	88	D		-----	
36	6.3	GR-X235-0	31	50	A	660	1050	
37	6.3	GR-3205-0	39	42	A	570	900	
38	6.3	GR-X235-0	35	50	A	660	1050	
39/44	6.3	GR-X235-0	25	48	A	630	1000	
40	5.0	GR-3200-0	32	0	A	126	200	OK ABOVE 500 ON 3000 SCALE
41	6.3	GR-4235-0	34	67	A	1000	1600	
42	6.3	GR-4235-0	23	70	A	1135	1800	
43	25.0	GR-4235-0	22	76	A	1450	2300	
45	2.5	GR-3200-0	57	71	A	1155	1850	
46	2.5	GR-3250-0	11	73	A	1260	2000	
47	2.5	GR-3250-0	11	70	A	1135	1800	
48	25.0	GR-4235-0	45	73	A	1260	2000	
49	2.0	GR-3250-0	49	54	A	645	1125	
50	7.5	GR-3200-0	60	65	A	945	1500	
50A5	50.0	JR-6237-0	11	91	B	4725	7500	
50X6	50.0	JR-0607-0	0	75	D		-----	Plate No. 1

50X6	50.0	JR-0302-0	0	75	D			Plate No. 2
51/51S	2.5	GR-X235-0	24	47	A	615	975	
52	6.3	GR-3250-0	11	77	A	1516	2400	
53	2.5	HR-5604-0	11	62	A	880	1400	Triode No. 1
53	2.5	HR-3204-0	11	62	A	880	1400	Triode No. 2
55	2.5	GR-X205-0	42	47	A	615	975	Triode Sect.
55	2.5	GR-0405-0	0	25	C			Diode No. 1
55	2.5	GR-0305-0	0	25	C			Diode No. 2
56	2.5	GR-3205-0	30	63	A	915	1450	
57	2.5	GR-X235-4	20	57	A	770	1225	
57A	6.3	GR-X235-4	20	57	A	770	1225	
58	2.5	GR-X235-4	13	67	A	1000	1600	
58A/ 58AS	6.3	GR-X235-4	22	63	A	915	1450	
59	2.5	HR-4236-5	11	70	A	1135	1800	
HY69	6.3	GR-3X25-0	15	81	A	1890	3000	
71A	5.0	GR-3200-0	69	68	A	1040	1650	
75	6.3	GR-X205-0	14	31	A	470	750	Triode Sect.
75	6.3	GR-0405-0	0	26	C			Diode No. 1
75	6.3	GR-0305-0	0	26	C			Diode No. 2
76	6.3	GR-3205-0	30	63	A	915	1450	
77	6.3	GR-X235-4	20	57	A	770	1225	
78	6.3	GR-X235-4	24	63	A	915	1450	
79	6.3	GR-X504-0	10	48	A	630	1000	Triode No. 1
79	6.3	GR-3204-0	10	48	A	630	1000	Triode No. 2
81	7.5	GR-0200-0	0	0	D			OK ABOVE DIODE OK
82	2.5	GR-0300-0	0	90	D			Plate No. 1
82	2.5	GR-0200-0	0	90	D			Plate No. 2
83	5.0	GR-0300-0	0	92	D			Plate No. 1
83	5.0	GR-0200-0	0	90	D			Plate No. 2
83V	5.0	GR-0300-0	0	85	D			Plate No. 1
83V	5.0	GR-0200-0	0	85	D			Plate No. 2
84	6.3	GR-0305-0	0	60	D			Plate No. 1
84	6.3	GR-0205-0	0	60	D			Plate No. 2
85	6.3	GR-X205-0	42	47	A	615	965	Triode Sect.
85	6.3	GR-0405-0	0	25	C			Diode No. 1
85	6.3	GR-0305-0	0	25	C			Diode No. 2
85AS	6.3	GR-X205-0	25	53	A	695	1100	Triode Sect.
85AS	6.3	GR-0405-0	0	25	C			Diode No. 1
85AS	6.3	GR-0305-0	0	25	C			Diode No. 2
89/89Y	6.3	GR-X235-4	29	66	A	970	1550	
99	3.0	GR-3200-0	57	73	A	265	425	OK ABOVE 270
112A	5.0	GR-3200-0	45	68	A	1040	1650	
629	3.0	GR-3205-0	#	94	F			STRIKES AT ABOUT 20
801A	7.5	GR-3200-0	25	62	A	880	1400	
802	6.3	HR-4X36-5	11	70	A	1135	1800	
807	6.3	GR-3X25-0	25	85	A	2390	3800	
809	6.3	GR-3X00-0	24	31	A	410	650	
812	6.3	GR-3X00-0	22	65	A	945	1500	
816	3.0	GR-0X00-0	0	91	D			
841	7.5	GR-3200-0	15	48	A	630	1000	
842	7.5	GR-3200-0	52	55	A	725	1150	

843	2.5	GR-3205-0	12	67	A	1020	1625	
864	1.1	GR-3200-0	45	21	A	410	650	
865	7.5	GR-3X20-0	35	18	A	395	625	
866A	4.3	GR-0X00-0	0	92	D		-----	
879	2.5	GR-0X00-0	0	87	F		-----	
950	2.0	GR-3250-0	45	45	A	600	950	
951	2.0	GR-X230-0	17	35	B	505	800	
954	6.3	HS-8X36-4	23	53	A	695	1100	Use Adapter
955	6.3	HS-4306-0	24	72	A	1200	1900	Use Adapter
956	6.3	HS-8X36-4	17	56	A	755	1200	Use Adapter
957	1.1	HS-4300-0	28	21	A	410	650	Use Adapter
958A	1.1	HS-4300-0	30	56	A	755	1200	Use Adapter
959	1.1	HS-8X30-4	15	15	B	380	600	Use Adapter
1005	OFF	AP-0500-8	0	92	G		-----	Plate No. 1
1005	OFF	AP-0300-6	0	92	G		-----	Plate No. 2
1201	6.3	JS-1304-0	17	81	A	1890	3000	
1203	6.3	JR-0407-0	0	70	C		-----	Diode
1204	6.3	HS-5314-0	11	60	A	820	1300	
1229	2.0	GR-X230-0	20	20	B	405	640	
1230	2.0	GR-3200-0	43	42	A	570	900	
1231	6.3	JR-6237-4	16	78	A	1575	2500	
1232	6.3	JR-6237-4	20	73	A	1260	2000	
HY1269	12.6	GR-3X20-0	30	85	A	2640	4000	
1273	6.3	JR-6237-4	22	60	A	820	1300	
1274	6.3	HS-0508-0	0	65	D		-----	Plate No. 1
1274	6.3	HS-0308-0	0	65	D		-----	Plate No. 2
1280	12.6	JR-6237-4	22	60	A	820	1300	
1284	12.6	JR-6237-4	23	73	A	1260	2000	
1299	2.5	JR-6230-0	36	74	A	1325	2100	
1603	6.3	GR-X235-4	20	57	A	770	1225	
1609	1.1	GR-3250-0	11	15	B	380	600	
1623	6.3	GR-3X00-0	22	65	A	945	1500	
1624	2.5	GR-3X20-0	11	81	A	1890	3000	
1625	12.6	HR-4X36-0	25	85	A	2390	3800	
5556	4.3	GR-3200-0	26	47	A	620	980	
5731	6.3	HS-4306-0	20	75	A	1385	2200	Use Adapter
5825	1.4	GR-0X00-0	0	0	F		-----	OK ABOVE 500 ON 3000 SCALE
5933	6.3	GR-3X25-0	25	85	A	2390	3800	
6145	6.3	JR-6237-4	11	86	A	2650	4200	
80	5.0	GR-0300-0	0	22	D		-----	Plate No. 1
80	5.0	GR-0200-0	0	18	D		-----	Plate No. 2
9004	6.3	HS-0304-0	0	75	C		-----	DIODE, USE ADAPTER 9
9005	4.3	HS-0403-0	0	67	C		-----	DIODE, USE ADAPTER 9
XXD	12.6	JR-5607-0	23	79	A	1640	2600	Triode No. 1
XXD	12.6	JR-4302-0	23	79	A	1640	2600	Triode No. 2
XXFM	6.3	JR-3204-0	11	27	A	440	700	Triode Sect.
XXFM	6.3	JR-0504-0	0	77	C		-----	Diode No. 1
XXFM	6.3	JR-0607-0	0	77	C		-----	Diode No. 2
XXL	6.3	JR-6207-0	20	81	A	1640	2600	