



DYNA JET

TUBE SELECTOR

## INSTRUCTIONS FOR MODEL 606 TUBE TESTER

1. Look up tube type in chart and set Heater Switch and set "A", "B" and "C" Switches.
2. Insert tube in proper socket or use adaptor indicated. Allow tube to warm up. Observe SHORTS lamp for Short indication.
3. Depress Grid Emission button. Observe meter. If meter deflects into "Grid Emission — Reject" area, tube is defective.
4. Press Quality Button. Read Quality on meter on "Good — ? — Bad" scale.
5. Rotate "C" Switch through each of its positions to check for all other Shorts. Observe SHORTS lamp for indication.

NOTE: DO NOT PUSH MAGNOVAR TUBES INTO THE SOCKET ALL THE WAY.

TUBE TYPE	A	B	O	Heater	TUBE TYPE	A	B	O	Heater	TUBE TYPE	A	B	O
OA3	50	*65	3 5 3	50	OP3A	*99	3 5 3	1AX2	1	*99	1 10 7	1BQ2	1 *99 1 10 7
*Normally shows short position 11. *Normally shows grid emission.													
OA3A	50	*65	3 5 3	2	IA3	*70	2 6 6	IA2*	1	95	6 10 9	1BX2	1 *99 1 10 7
*Normally shows short position 11. *Normally shows grid emission.													
OB3	50	*62	3 5 3	2	IA5	53	6 5 3	IA7	2	54	6 5 4	1B2V	1 *99 5 10 3
*Normally shows short position 11. *Normally shows grid emission.													
OC3	50	*75	3 5 3	1	IAH5	58	6 6 6	IA6	1	54	6 6 4	1C1	1 57 5 4 6
*Normally shows short position 11. *Normally shows grid emission.													
OC3A	50	*75	3 5 3	1	IAJ4	58	5 6 6	IA2A	1	*99	5 10 3	1C5	2 48 6 5 3
*Normally shows short position 11. *Normally shows grid emission.													
OD3	50	*99	3 5 3	1	IAN5	40	5 6 6	IAF4	1	50	5 6 6	1C7	2 54 6 5 3
*Tube good if it reads 60 or more. *Normally shows short position 11. *Normally shows grid emission.													
OD3	50	*99	3 5 3	1	IAU2	*100	1 9 2	IAH5	1	58	6 6 6	1D5	2 54 6 10 3
*Tube good if it reads 60 or more. *Normally shows short position 11. *Normally shows grid emission.													
OD3	50	*99	3 5 3	1	IAU3	*99	9 10 3	IAJ4	1	58	5 6 6	1D8	2 53 6 5 3
*Tube good if it reads 60 or more. *Normally shows short position 11. *Normally shows grid emission.													
OA3-2B3	50	*75	3 5 3	1	IAU4	58	5 6 6	IAN5	1	40	5 6 6	1DK29	1 *95 6 10 2
*Normally shows short position 11. *Normally shows grid emission.													

\*Insert leads into pins 4 & 5 of socket #2. Top cap goes to top lead.

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# ELECTRONIC

TUBE TYPE	A	B	O	Heater	TUBE TYPE	A	B	O	Heater	TUBE TYPE	A	B	O
1F1	1	58	5 6 6	1	1H5	55	6 10 3	1LD5	2	53	6 6 4	1S5	2 54 6 6 6
1F2	1	55	5 6 6	2	1H6	54	6 6 3	1LE3	1	55	6 6 4	1T4	2 70 6 3 6
1F3	1	55	5 6 6	2	1J3	64	6 4 3	1LG5	2	50	5 6 4	1T5	2 50 5 6 6
1F4	1	55	5 6 6	2	1J4	65	6 4 3	1LH4	2	52	6 6 4	1U4	2 49 5 6 6
1F5	2	48	6 5 3	2	1J6	56	6 6 6	1LN5	2	60	6 4 4	1U5	2 54 6 6 6
1F7	2	54	6 10 3	2	1K3	95	6 3 6	1N2A	1	95	9 10 3	1V2	1 *99 6 1 7
1FD1	1	58	6 6 6	1	1K4	56	6 6 6	1N5	2	53	6 10 3	1X2	1 *99 1 10 7
1FD9	1	56	6 6 6	2	1L4	53	6 4 3	1N6	2	53	6 10 3	1Y2	1 *99 1 10 7
1G3	1	95	6 3 6	1	1L5	53	6 5 3	1N7	2	53	6 10 3	2AF4	2 *33 2 6 1
*Ignore all shorts except on position 10.													
1G6	1	55	6 4 3	2	1L6	53	6 4 3	1N8	2	53	6 10 3	2AH2A	2 *99 5 10 3
1H2	1	97	1 10 7	2	1L7	53	6 4 3	1N9	2	53	6 10 3	2AS2A	2 *99 5 10 3
*Tube good if it reads 40 or more. *Normally shows short position 6-11.													
OA3-2B3	55	6 5 3	2	1L8	52	5 6 6	1L9	2	40	6 5 3	1Q5	2 *99 5 10 3	
*Normally shows short position 6-11.													
1H2	1	97	1 10 7	2	1L9	56	6 4 6	1R4	2	65	6 4 4	2AV2	2 *99 6 1 7
*Tube good if it reads 40 or more. *Normally shows short position 6-11.													
1H2	1	97	1 10 7	2	1LA4	53	6 6 4	1R5	2	53	5 4 6	2AZ2	2 *99 1 10 7
*Normally shows short position 6-11.													
1H2	1	97	1 10 7	2	1LA6	53	6 6 4	1S2A	1	*98	1 10 7	2AZ2	2 *99 1 10 7
*Normally shows short position 6-11.													
1H2	1	97	1 10 7	2	1LB4	53	6 6 4	1S4	2	*44	5 3 6	2B3	2 95 9 10 3
*Normally shows short position 6-11.													

\*Normally shows short position 6-11.

\*Normally shows short position 2-6.

\*Normally shows short position 2-6.

\*Normally shows short position 2-6.

Normal shorts refer to position of "C" switch.

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TUBE TYPE	A	B	O	Heats	TUBE TYPE	A	B	O	Heats	TUBE TYPE	A	B	O	Heats		
2BA2	2	92	6	1	7	2DX4	2	*69	1	7	2FY5	2	33	1	2	
2B2	2	**99*	1	10	7	*Normally shows short position 2-6.	2	25	1	2	2GK5	2	25	1	2	
*Tube good if it reads 45 or more.						2DY4	2	*33	2	6	2GU5	2	27	2	1	
**Normally shows short position 6-11.						2DZ4	2	*31	7	2	2GW5	2	27	2	1	
2BN4	2	*33	2	7	1	*Normally shows short position 1-7.	2	27	2	1	2HK5	2	27	2	1	
*Normally shows short position 1-6.						2E26	6	*40	1	5	2HM5	2	27	2	1	
2BU2A	2	*90	5	10	3	*Normally shows short position 4-6.	2	29	2	1	2HG5	2	29	2	1	
*Tube good if it reads 40 or more.						2EA5	2	33	2	1	2HR8	2	35	2	9	
2CN3A	2	*94	5	10	3	2EG4	2	*80	6	2	5	2T4	2	*33	2	6
*Normally shows short position 3-11.						*For grid emission turn C switch to position 4.					*Normally shows short position 1-7.					
2CW4	2	*87	6	2	5	2EN5	2	37	6	2	1	3A2	3	*98	1	10
*For grid emission turn C switch to position 4.						2ER5	2	33	1	2	1	3A3	3	*99	3	10
2CV5	2	35	2	1	1	2ES5	2	33	1	2	1	*Tube good if it reads 40 or more.				
2D21	6	32	5	1	1	2EV5	2	33	2	1	1	*Ignore all shorts except on position 10.				
2DL4	2	*85	7	8	2	2FH5	2	33	1	2	1	3A3A	3	*99	3	10
*Normally shows short position 1-3-7-9.						2FQ5	2	33	1	2	1	*Tube good if it reads 40 or more.				
2DSA	2	*87	6	2	5	2FQ5A	2	31	1	2	1	*Ignore all shorts except on position 10.				
*For grid emission turn C switch to position 4.						2FS5	2	27	2	1	1	3AW2A	3	93	5	10
3	45	4	3	4		2FV6	2	33	6	1	1					

Normal shorts refer to position of "C" switch.

▲Use TC-70 Adapter.

# ELECTRONIC

TUBE TYPE	A	B	O	Heats	TUBE TYPE	A	B	O	Heats	TUBE TYPE	A	B	O	Heats		
3AW3	3	*99	3	10	3	3BN3A	3	*94	5	10	3	3DX4	3	*69	1	7
*Tube good if it reads 40 or more.						*Normally shows short position 3-11.					3DY4	3	*33	2	6	1
*Ignore all shorts except on position 10.						3CU3	3	*90	9	10	3	*Normally shows short position 1-7.				
3B7	3	45	4	3	4	*Ignore all shorts except on position 10.					3DZ4	3	*31	7	2	1
3BA6	3	33	2	1	1	3CV5	3	35	2	1	1	*Normally shows short position 1-7.				
3BC5	3	35	2	1	1	3CZ3	3	98	9	10	3	3EA5	3	33	2	1
3BE5	3	35	6	1	1	3D6	2	43	8	6	4	3EH7	3	30	3	2
3BL2	3	*90	9	10	9	3DB3	3	*99	1	10	3	3EJ7	3	29	3	2
*Normally shows short position 2-5-6-9-11.						*Tube good if it reads 40 or more.					3E5	3	33	1	2	1
3BM2A	3	90	5	10	3	3D6	2	43	8	6	4	3EV5	3	33	1	2
3BN2A	3	*99	5	10	3	*Normally shows short position 4-6-8-11.					3FH5	3	33	1	2	1
*Tube good if it reads 35 or more.						3C4	2	48	5	6	6	3FQ5	3	33	1	2
3BN4	3	*33	2	7	1	3CA3	3	*99	3	10	3	3FQ5A	3	31	1	2
*Normally shows short position 1-6.						*Tube good if it reads 40 or more.					3DG4	4	30	6	5	12
3BS2A	3	94	5	10	3	3CB6	3	33	6	1	1	3FY5	3	33	1	2
3BS2AA	3	94	5	10	3	3CF5	3	35	2	1	1	3GK5	3	25	1	2
3	94	5	10	3		3CF6	3	33	6	1	1	3GK6	3	33	3	6
3	94	5	10	3		3CN3	3	*94	5	10	3	3GS8	3	33	6	7
3	94	5	10	3		*Normally shows short position 3-11.					3DK6	3	33	6	1	1
3	94	5	10	3		3DT6	3	33	6	1	1	3GU5	3	27	2	1
3	94	5	10	3							3GW5	3	25	2	6	

Normal shorts refer to position of "C" switch.

▲Use TC-70 Adapter.

TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C												
3GY5	3	*25	5	9	3	43	8	6	4	4BE6	4	35	6	1	1	4CM4	4	29	3	6	7						
*Normally shows short position 1-3-4-7-10.																											
3HA5	3	27	2	1	1	35	6	1	1	4BL8	4	31	6	2	2	4CS6	4	35	6	1	1						
*Normally shows short position 1-3-4-6-8-10.																											
3HE7	3	25	11	9	3	45	9	5	3	4BN4	4	*33	2	7	1	4CY5	4	35	2	1	1						
3HF5	3	*25	10	5	3	48	5	3	6	*Normally shows short position 1-6.												4DL4	4	*85	7	8	2
*Normally shows short position 1-3-4-6-8-10.																											
3HK5	3	27	2	1	1	3	45	5	6	4BS8	4	32	6	2	2	4DT6	4	33	6	1	1						
3HM5	3	27	2	1	1	4	37	6	9	4EJ7	4	32	6	7	2	4EH7	4	30	3	2	2						
3HM6	3	24	3	2	2	4	44	6	2	4RU8	4	33	6	7	2	4EJ7	4	29	3	2	2						
3HQ5	3	29	2	1	1	4	33	6	7	4BX6	4	33	6	2	2	4ER5	4	33	1	2	1						
3HS8	3	30	6	7	2	4	31	6	7	4EX8	4	33	6	2	2	4ES8	4	30	6	2	2						
3HT6	3	28	3	2	2	4	32	6	2	4EY6	4	33	6	7	2	4EY6	4	29	6	1	1						
3IC6	3	26	3	2	2	4	40	6	1	4BZ6	4	31	6	1	1	4GJ7	4	24	3	2	2						
3IC6A	3	26	3	2	2	4	78	6	5	4BZ7	4	32	6	2	2	4GK5	4	25	1	2	1						
3ID6	3	26	1	2	2	4	33	6	1	4BZ8	4	30	6	2	2	4GM6	4	30	6	1	1						
3KF8	3	38	6	7	2	4	33	2	1	4CB6	4	33	6	1	1	4GS7	4	30	9	9	2						
3KT6	3	25	1	2	2	4	35	2	1	4CE5	4	35	2	1	1	4GS8	4	33	6	7	2						
3L35	3	*36	5	4	6	4	33	6	2	Normal shorts refer to position of "C" switch.																	
*Normally shows short position 2-6.																											

Normal shorts refer to position of "C" switch.



TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C						
4GW5	4	25	2	6	1	4	26	3	2	4R-HH2	4	27	6	2	2	5AT8	5	33	6	9	2
4GX6	4	25	6	1	1	4	26	3	2	4R-HH8	4	86	6	1	2	5AU4	5	*43	6	4	3
4GX7	4	26	3	2	2	4	25	6	1	5AF4	5	*33	2	6	1	*Normally shows short position 8-11.					
4GZ5	4	26	2	5	1	4	26	6	1	*Normally shows short position 1-7.											
4HA5	4	27	2	1	1	4	26	6	1	5AF11	5	31	6	1	9	5AV8	5	32	6	6	2
4HA7	4	35	5	9	9	4	26	6	2	5AM8	5	30	6	2	2	5AW4	5	*42	6	4	3
4HC7	4	*40	5	9	9	4	26	6	7	5AN8	5	30	6	2	2	*Normally shows short position 8-11.					
*Normally shows short position 7-10.																					
4HG8	4	24	3	2	2	4	25	1	2	5AN8	5	32	6	8	2	5AZ4	5	*53	6	4	4
4HK5	4	27	2	1	1	4	*95	3	2	5AQ5	5	35	1	7	1	*Normally shows short position 2-11.					
4HM5	4	27	2	1	1	4	*93	3	7	5AR4	5	*30	6	4	3	5B8	5	*32	6	6	2
*For grid emission turn C switch to position 1.																					
4HM6	4	24	3	2	2	4	90	6	6	*Normally shows short position 8-11.											
4HQ5	4	29	2	1	1	4	25	1	2	5AS4	5	*38	6	4	3	5BC3	5	40	6	5	11
4HR8	4	35	2	9	2	4	*95	3	2	*Normally shows short position 8-11.											
4HS8	4	30	6	7	2	4	30	6	1	5AS8	5	31	6	2	2	5BE8	5	*33	6	9	2
4HT6	4	28	3	2	2	4	34	6	7	*Normally shows short position 8-11.											
*For grid emission turn C switch to position 9.																					
3GY5-5BE8	4	28	3	2	2	4	34	6	1	4M-P12	4	34	6	1	1	*Normally shows short position 3.					
*Normally shows short position 8-11.																					
Normal shorts refer to position of "C" switch.																					

TUBE TYPE	Heater	A	B	O	Sockets	TUBE TYPE	Heater	A	B	O	Sockets	TUBE TYPE	Heater	A	B	O	Sockets	
5BK7	5	32	6	2	2	5CM8	5	33	6	2	2	5ES8	5	30	6	2	2	
5BQ5	5	32	6	7	2	5CQ8	5	38	6	9	2	5E8	5	30	6	7	2	
5BQ7	5	33	1	2	2	5CQ8	5	33	6	2	2	5E8	5	32	6	7	2	
	5	32	6	2	2	5CR8	5	33	6	2	2	5EW6	5	32	6	2	2	
	5	32	6	7	2	5CR8	5	*32	6	2	2	5EW6	5	29	6	1	1	
5BR8	5	32	6	9	2			*34	6	9	2	5FG7	5	27	3	9	2	
	5	31	6	1	2			*Normally shows short position 8.				5FG7	5	27	3	1	2	
5BS8	5	32	6	2	2	5CU4	5	*33	6	4	3	5F8	5	30	6	9	2	
	5	32	6	7	2			*33	6	6	3	5F8	5	31	6	9	2	
5BT8	5	33	6	8	2			*Normally shows short position 8-11.				5GH8	5	31	6	2	2	
	5	33	6	8	2							5GH8	5	31	6	2	2	
	5	33	6	8	2							5GH8	5	31	6	2	2	
5BW8	5	57	6	1	2	5CZ5	5	42	3	6	2	5GH8A	5	31	6	2	2	
	5	57	6	2	2	5DB4	5	*40	6	4	3	5GH8A	5	31	6	2	2	
	5	33	2	6	2			*40	6	6	3	5JK6	5	26	6	1	1	
	5	34	8	1	2			*Normally shows short position 8-11.				5JK6	5	26	6	1	1	
	5	34	8	3	2	5DH8	5	*30	6	9	2	5JK6	5	26	6	1	1	
	5	32	6	2	2							5K08	5	30	6	2	2	
5BZ7	5	32	6	2	2			*32	6	1	2	5GM6	5	30	6	1	1	
	5	32	6	2	2			*Normally shows short position 3.				5GS7	5	30	9	9	2	
5CG8	5	30	3	9	2	5EA8	5	30	6	2	2	5GS7	5	30	9	1	2	
	5	32	3	1	2							5GX6	5	25	6	1	1	
5CL8	5	32	6	9	2	5EH8	5	31	1	7	2	5GX7	5	26	3	2	2	
	5	32	6	1	2							5GX7	5	26	3	2	2	
5CM6	5	40	3	6	2			31	1	2	2		5KE8	5	26	6	9	2
	5	40	3	6	2								5KE8	5	26	6	9	2
	5	40	3	6	2								5KZ8	5	26	6	2	2
	5	40	3	6	2								5KZ8	5	26	6	2	2

\*Normal Shorts Refer to Position of "D" Switch.

TUBE TYPE	Heater	A	B	O	Sockets	TUBE TYPE	Heater	A	B	O	Sockets	TUBE TYPE	Heater	A	B	O	Sockets
5LJ8	5	*95	3	2	2	5R-DDH1	5	40	6	8	2	5U9	5	30	6	3	13
	5	**93	3	7	2			40	6	1	2	5V3	5	*51	6	4	3
								40	6	6	2	5V3	5	*51	6	6	3
								40	6	8	2	5V3	5	*Normally shows short position 8-11.			
						5R-DDH1	5	38	6	8	2	5V4	5	52	6	3	8
								38	6	2	2	5V4	5	52	6	5	8
								32	6	1	2	5V4	5	52	6	5	8
								32	6	2	2	5V4	5	*36	6	4	3
5MB8	5	27	6	9	2	5R-HR1	5	35	6	2	2	5V4	5	*36	6	6	3
	5	30	6	1	2			38	6	9	2	5V6	5	*Normally shows short position 8-11.			
5MF8	5	35	7	7	9	5R-K16	5	41	6	8	2	5V6	5	*40	6	4	3
	5	34	7	10	9			41	6	1	2	5V9	5	*40	6	6	3
								41	6	2	2	5V9	5	*40	6	6	3
5M-HH3	5	27	6	5	1	5I4	5	*38	6	4	3	5W4	5	32	6	8	13
	5	27	6	6	1			*38	6	6	3	5W4	5	*52	6	4	3
5MK9	5	45	7	5	1			*Normally shows short position 8-11.				5W4	5	*52	6	6	3
5N1039A	6	33	2	1	1	5T8	5	43	6	8	2	5W4	5	35	1	4	3
5MQ8	5	30	6	2	2			35	6	2	2	5X4	5	47	6	3	8
	5	30	6	9	2			35	6	1	2	5X4	5	47	6	3	8
5R4	5	*45	6	4	3	5U4	5	*40	6	4	3	5X8	5	30	6	7	2
	5	*45	6	6	3			*40	6	6	3	5X8	5	32	6	2	2
								*Normally shows short position 8-11.				5X9	5	32	6	3	13
												5X9	5	38	6	10	13
												5X9	5	38	6	10	13
5BK7-6AC9						5U8	5	33	6	2	2	5U8	5	33	6	2	2
								33	6	9	2	5U8	5	33	6	9	2

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heating	A	B	O	Socket	TUBE TYPE	Heating	A	B	O	Socket	TUBE TYPE	Heating	A	B	O	Socket	TUBE TYPE	Heating	A	B	O	Socket		
6AC10	6	30	6	1	9	6AG11	6	28	6	8	9	6AK8	6	43	6	8	2	6AM8	6	30	6	2	2		
6AD7	6	30	6	7	9	6AH4	6	34	6	10	9	6AK9	6	35	6	2	2	6AN4	6	30	6	8	2		
	6	54	6	5	3		6	34	6	3	9		6	35	6	6	6	2	2	*Normally shows short position 1-7.	6AN5	6	33	2	1
6AD10	6	30	6	3	9	6AH6	6	32	6	1	3	6AK10	6	40	7	3	9	6AN6	6	55	6	2	6		
6AF3	6	33	6	8	9	6AH7	6	48	6	1	8	6AL11	6	30	7	8	9	6AN8	6	55	6	3	6		
6AF4	6	33	6	2	9	6AH9	6	48	6	5	8		6AM5	6	30	6	1		9	6AN9	6	55	6	4	6
*Normally shows short position 1-7.	6	33	6	2	9	6AJ5	6	37	5	2	9		6AM6	6	30	6	7		9	6AO4	6	32	6	2	2
6AF9	6	30	8	1	13		6AL3*	6	30	6	9	9		6AO6	6	32	7	3	7		*Normally shows short position 25.	6AO5	6	35	1
6AF11	6	30	2	8	13	6AJ7	6	36	2	1	1	6AO7	6	82	6	5	1	6AO8	6	32	6	2	2		
6AG5	6	31	6	6	9	6AJ8	6	33	6	4	3	6AL11	6	27	3	7	7	6AO8	6	32	6	2	2		
	6	31	6	6	9	6AJ9	6	85	6	1	2		6AM5	6	27	3	7		7	6AO8	6	32	6	2	2
	6	35	6	6	3	9	6AL5	6	38	6	9		9	6AO7	6	65	6		6		1	6AO8	6	32	6
6AG7	6	32	1	4	3	6AL9	6	29	6	3	13	6AM6	6	34	6	1	1	6AO8	6		32		6	2	2
6AG9	6	30	6	5	9	6AK5	6	33	2	1	1	6AM6	6	30	6	1	1	6AO8	6	32	6		2	2	
6AG9	6	28	6	6	1	6AK6	6	43	6	1	1	6AM7	6	27	6	8	9	6AO8	6	32	6	2	2		
6AG9	6	28	6	6	1	6AK7	6	32	6	6	4	6AM8	6	30	6	6	1	6AO8	6	32	6	2	2		

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heating	A	B	O	Socket	TUBE TYPE	Heating	A	B	O	Socket	TUBE TYPE	Heating	A	B	O	Socket								
6AR5	6	47	6	1	1	6AU6	6	33	6	1	2	6AX7	6	42	10	2	2	6B10	6	43	6	3	9		
6AR8	6	30	6	5	2	6AU7	6	40	10	7	2	6AX8	6	42	10	7	2	6B10	6	43	6	5	9		
6AR11	6	28	6	10	9	6AU8	6	40	10	7	2	6AX3	6	33	6	2	2	6B32	6	33	6	8	9		
6AS5	6	36	2	5	1	6AV5	6	32	6	2	2	6AY3	6	33	6	2	10	6BA3	6	34	6	10	9		
	6	35	6	1	1		6AV6	6	33	6	6	2	6AY3B	6	30	8	2	10	6BA6	6	33	6	2	1	
6AS7	6	35	6	4	8	6AV6	6	40	6	1	1	6AV11	6	30	6	5	9	6BA7	6	33	6	7	1		
6AS8	6	31	6	2	2	6AV11	6	78	6	5	1	6AZ8	6	30	6	8	9	6BA8	6	33	6	6	2		
6AS11	6	32	6	2	2	6AW8	6	78	6	6	1	6B4	6	30	6	3	9	6BA8	6	37	6	7	1		
	6	32	6	1	9		6AX2	6	35	6	1		9	6B6	6	30	6	10	9	6BA8	6	37	6	2	2
6AT6	6	27	6	1	9	6AT8	6	35	6	7	9	6B8	6	32	6	6	2	2	6BA11	6	33	6	4	9	
	6	34	6	3	9		*Tube good if it reads 20 or more.	6	35	6	9	9	6B8	6	36	6	9	2	2	6B14	6	31	6	7	2
	6	39	6	1	1		*Normally shows short position 6-11.	6	32	6	7	2	2	6B8	6	35	6	5	3	6B14	6	37	6	4	9
6AU4	6	33	1	5	8	6AX3	6	33	6	2	2	6B8	6	37	6	10	3	6B14	6	29	6	4	9		
	6	40	6	1	3	6AX4	6	33	6	1	7		6B8	6	58	6	4	3	*Normally shows short position 3-6-7-8.	6B14	6	33	2	1	
6AU5	6	40	6	1	3	6AX5	6	34	4	10	9	6B8	6	58	6	5	3	6B14	6	33	2	1			
6AC10-6BC5						6AX5	6	53	6	3	3	6B8	6	58	6	10	3	6B14	6	33	2	1			
						6AX5	6	53	6	3	3	6B8	6	58	6	10	3	6B14	6	33	2	1			
						6AX5	6	53	6	3	3	6B8	6	58	6	10	3	6B14	6	33	2	1			
						6AX5	6	53	6	3	3	6B8	6	58	6	10	3	6B14	6	33	2	1			
						6AX5	6	53	6	3	3	6B8	6	58	6	10	3	6B14	6	33	2	1			

Normal shorts refer to position of "C" switch.

Use TC-80 Adapter

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater				
	A	B	O		A	B	O		A	B	O		A	B	O		A	B	O	A	B
6BC7	6	32	6	6BF6	6	50	6	6BJ7	6	33	6	6BL8	6	31	6	6	31	6	2	2	2
6BC8	6	32	6	6BF8	6	78	6	6BK4Δ	6	33	6	6BM8	6	34	6	6	34	6	2	2	2
6BC32	6	33	6		6	32	6	6BK4AΔ	6	33	6		6	33	6	6	33	6	2	2	2
6BD5	6	33	6	6BF11	6	32	6	6BK4BΔ	6	38	6	6BN4	6	39	6	6	39	6	2	2	2
6BD6	6	33	6		6	32	6	6BK5	6	34	6		6	*33	6	6	*33	6	2	2	2
6BD11	6	40	6		6	32	6	6BK6	6	34	6		6	34	6	6	34	6	1	1	1
	6	67	6		6	32	6	6BG6	6	39	6		6	35	6	6	35	6	2	2	2
6BE3	6	67	6	6BG6	6	40	6	6BH3	6	78	6	6BN11	6	35	6	6	35	6	2	2	2
6BE3	6	31	6	6BH3A	6	30	8	6BK7	6	78	6		6	25	6	6	25	6	2	2	2
6BE6	6	26	4	6BH6	6	30	8	6BK11	6	32	6	6BR3	6	25	6	6	25	6	2	2	2
6BE7	6	35	6		6	33	6	6BL4	6	31	6	6BR8	6	30	6	6	30	6	2	2	2
6BE8	6	33	6	6BH8	6	34	6	6BL7	6	36	6		6	32	6	6	32	6	2	2	2
6BE8	6	*33	6	6BH11	6	27	6		6	42	6	6BS3	6	31	6	6	31	6	2	2	2
6BF5	6	*33	6		6	27	6		6	42	6		6	27	6	6	27	6	2	2	2
6BF5	6	39	1	6BJ3	6	26	4		6	36	6		6	31	6	6	31	6	2	2	2
	6	39	1	6BJ6	6	34	6		6	36	6		6	27	6	6	27	6	2	2	2

△Use TC-75 Adapter.

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater				
	A	B	O		A	B	O		A	B	O		A	B	O		A	B	O	A	B
6BS3A	6	27	8	6BW4	6	50	6	6BZ6	6	31	6	6CB5	6	*35	4	5	3				
6BS8	6	32	6	6BW6	6	50	6	6BZ7	6	32	6	6CB6	6	1-3-6-8							
6BT6	6	32	6	6BW8	6	33	2	6BZ8	6	30	6	6CC10	6	6	44	6	1	8			
	6	39	6		6	34	8		6	30	6		6	44	6	1	8				
6BT8	6	72	6	6BW11	6	34	8	6C4	6	41	6	6CD3	6	44	6	4	8				
	6	33	6		6	30	6	6C5	6	46	6	6CD6	6	27	4	10	9				
6BU6	6	57	6	6BX6	6	30	6	6C8	6	45	6	6CE3	6	35	2	1	1				
	6	50	6	6BX7	6	33	1	6C9	6	45	6	6CE5	6	33	6	1	1				
	6	50	6		6	36	6		6	45	6	6CF6	6	26	4	10	9				
	6	78	6	6BX8	6	36	6	6CA4	6	34	6	6CG3	6	45	6	6	2				
6BU8	6	78	6		6	33	6		6	28	11	6CG7	6	45	6	2	2				
6BV8	6	33	6	6BX11	6	33	6	6CA5	6	42	6	6CH8	6	30	3	9	2				
	6	31	6		6	38	6	6CA7	6	42	6	6CH3	6	32	3	1	2				
	6	33	6	6BY5	6	38	6	6CA11	6	42	6	6CH6	6	26	2	7	10				
	6	33	6		6	38	6		6	34	6	6CH8	6	28	6	2	2				
6BV11	6	33	6	6BY6	6	35	6		6	34	6		6	33	6	5	3				
	6	27	6	6BY7	6	33	1		6	34	6		6	45	6	7	2				
6BW3	6	27	6	6BY8	6	34	6		6	32	6		6	45	6	2	2				
	6	28	4		6	34	6		6	35	6		6	30	3	9	2				
	6	28	4	6BY11	6	32	6		6	35	6		6	32	3	1	2				
					6	32	6		6	33	9		6	28	6	2	2				
6BC7-6CH8				6BZ3	6	28	4		6	33	8		6	33	6	7	2				
					6	28	4		6	36	6		6	36	6	8	2				

Normal shorts refer to position of "C" switch.



TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C
6CJ3	6	25	8 2 2 10	6CM8	6	33	6 2 2 2	6CU8	6	32	1 7 2 2	6D10	6	32	6 1 9 9
6CJ6	6	*32	8 2 2	6CN6	6	29	6 9 5 3	6CW4	6	*87	6 2 5	6DA4	6	32	6 9 9 9
*Normally shows short position 1-6-9.			6CN7	6	44	10 7 2 2	6CW5	*For grid emission turn C switch to position 4.			6DA6	6	33	6 5 8 8	
6CK3	6	25	8 2 10	6CQ4	6	33	10 2 2 2	6CW7	6	33	8 2 2 2	6DB5	6	*38	3 6 2 2
6CK4	6	34	1 3 3 3	6CQ6	6	32	6 5 8 8	6CX8	6	*30	1 2 2 2	6DE5	*Normally shows short position 2-7.		
6CK6	6	30	6 2 2 2	6CQ8	6	35	6 1 1 1	6CY5	*May show short position 6-7-8-9.			6DE7	6	33	2 3 2 2
6CL3	6	27	2 7 10	6CR6	6	33	6 2 2 2	6CY7	6	33	8 2 2 2	6DG6	6	32	6 1 1 1
6CL5	6	*35	4 5 3	6CR8	6	39	6 9 2 2	6CZ5	6	33	8 6 2 2	6DJ8	6	31	6 1 1 1
*Normally shows short position 1-3-6-8.			6CS6	6	33	6 6 9 2	6D2	6	42	3 6 2 2	6DK6	6	33	6 1 1 1	
6CL6	6	*32	2 9 2	6CS7	6	34	6 3 2 2	6D4	6	33	6 2 1 1				
6CL8	6	32	6 9 2 2	6CT3	6	47	6 7 2 2	6D8	6	43	6 6 1 1				
*Normally shows short position 3-8.			6CU6	6	*33	2 5 1 1	*Normally shows short position 8.								
6CM3	6	30	2 7 10	*It may show short pin 1-11.											
6CM4	6	29	3 6 7												
6CM5	6	*32	4 5 3												
*Normally shows short position 3-8.															
6CM6	6	40	3 6 2												
6CM7	6	40	6 7 2												
		35	6 8 2												

Normal shorts refer to position of "C" switch.

# 6CJ3-6EJ4

TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C
6DL3	6	27	2 7 10	6DR8	6	31	6 2 2 2	6DY4	6	*33	2 6 1 1	6EB5	6	52	6 2 1 1
6DL4	6	*85	7 8 2	6DS5	6	33	1 7 1 1	6DY5	*Normally shows short position 1-7.			6EB8	6	33	6 7 2 2
*Normally shows short position 1-3-7-9.			6DN3	6	33	6 2 2 2	6DT5	6	38	3 6 2 2	6EC4	6	26	2 5 8 8	
6DL5	6	34	1 7 1	6DN6	6	33	6 5 3 3	6DT6	*Normally shows short position 7-11.			6ED4	*Normally shows short position 2-3-6-7-9.		
6DM4	6	30	6 5 8 8	6DN7	6	36	6 1 8 8	6DT8	6	33	6 1 1 1	6EF4	6	82	7 4 9 9
6DN3	6	31	2 7 10	6DQ4	6	32	6 5 8 8	6EJ4	*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 8, remove resistor after test is completed.			6EH4	6	*55	4 6 9 9
6DN6	6	33	6 5 3 3	6DQ5	6	*35	5 1 3 3	6EA4	6	85	7 4 9 9	6EH5	6	30	2 5 1 1
6DN7	6	36	6 1 8 8	*Normally shows short position 3-4-6-8.			6DT4	6	27	6 5 2 2	6EH7	6	30	3 2 2 2	
6DQ4	6	32	6 5 8 8	6DW4	6	29	8 2 10 2	6DT5	*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 4. Remove resistor after test is completed.			6EH8	6	31	1 7 2 2
6DQ5	6	*35	5 1 3 3	6DW5	6	33	3 6 2 2	6DT6	*Normally shows short position 1-2.			6EJ4	Use 6EF4 settings.		
*Normally shows short position 3-4-6-8.			6DR4	6	51	1 6 1 1	6DT8	6	30	6 7 2 2	6EJ4	Use 6EF4 settings.			
6DR7	6	32	2 3 2 2	6DX4	6	*69	1 7 1 1	6EA5	6	33	2 1 1 1	6EJ4	Use 6EF4 settings.		
6DR7	6	41	2 7 2 2	6DX8	6	25	6 8 2 2	6EA7	6	35	6 1 8 8	6EJ4	Use 6EF4 settings.		
6EJ3	6	34	6 5 3 3	6EJ4	6	25	6 1 2 2	6EA8	6	30	6 2 2 2	6EJ4	Use 6EF4 settings.		
6EQ6B	6	30	6 5 3 3					6EJ4	6	31	6 9 2 2	6EJ4	Use 6EF4 settings.		
6ER4	6	51	1 6 1 1												
6DR7	6	32	2 3 2 2												
6DR7	6	41	2 7 2 2												

Use TC-80 Adapter.

Normal shorts refer to position of "C" switch.

TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C			
6EJ7	6	29	3	2	6EJ8	6	32	6	6	39	2	9	2	6	33	1	2	
6EL4A	6	87	7	5	6FA7	6	33	6	6	33	6	7	2	6	31	1	2	
6EM5	6	36	3	6	6FC7	6	34	6	6	29	8	2	2	6	36	6	2	
6EM7	6	32	6	1	6FD6	6	29	6	6	29	8	6	2	6	36	6	7	
		45	6	4	6FD7	6	31	2	3	24	2	3	1	6	35	2	7	
6EN4	6	*50	7	5	6FE5	6	33	6	6	38	2	7	2	6	27	2	1	
		*Normally shows short position 1-3-4-8.			6FG5	6	35	6	5	6	33	6	5	3	6	33	6	1
		*Tube good if it reads 40 or more.			6FG7	6	34	6	5	6	31	2	1	6	30	6	9	
6EQ7	6	34	6	2	6GZ5	6	34	6	5	6	27	3	9	6	28	6	1	
		71	6	8	6EZ8	6	33	6	2	6	27	3	1	6	32	6	2	
6ER5	6	33	1	2	6F5	6	40	1	10	6	32	6	2	6	33	1	2	
6ES5	6	33	1	2	6F6	6	54	1	5	6	36	6	3	9	6	25	9	
6ES8	6	30	6	2	6F8	6	45	6	5	6	44	6	10	9	6	45	6	
		30	6	7	6F10	6	45	6	10	6	25	3	8	9	6	36	6	
		30	6	7	6F31	6	33	6	4	6	36	3	10	9	6	30	6	
6EU7	6	52	3	2	6F33	6	35	6	1	6	60	6	8	2	6	27	6	
		52	3	8	6F36	6	32	6	1	6	34	6	2	2	6	26	1	
		Must use special 6EU7 adapter.																
		Use TC-80 Adapter																
		Use TC-75 Adapter																

Normal shorts refer to position of "C" switch.

Use TC-75 Adapter

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TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C			
6G-B6	6	33	6	5	6GH8A	6	31	6	2	6	33	6	7	2	6	25	2	
6G-B7	6	30	3	5	6GJ5	6	31	6	9	6	35	6	2	2	6	30	6	
6GC5	6	*33	3	6	6GJ7	6	*32	7	2	6	31	3	2	2	6	26	6	
		*Normally shows short position 1-8.			6GJ8	6	34	6	2	6	*35	7	2	10	6	30	6	
6GC6	6	33	4	5	6GK5A	6	*32	7	2	6	31	3	6	2	6	25	6	
6GD7	6	26	3	1	6GK5	6	25	1	2	6	30	9	9	2	6	26	3	
		24	3	9	6GK6	6	33	3	2	6	30	9	1	2	6	26	3	
6GE5	6	*27	3	1	6GK7	6	26	3	9	6	33	6	7	2	6	*25	5	
		*Normally shows short position 4-10.			6GL8	6	34	6	2	6	*35	7	2	10	6	*Normally shows short position 1-3-4-7-10.		
6GE8	6	33	6	8	6GL7	6	27	4	1	6	31	6	2	2	6	25	6	
		33	6	3	6GM5	6	41	6	4	6	31	6	7	2	6	25	6	
6GF5	6	*27	3	1	6GM6	6	26	6	6	6	*26	10	5	9	6	28	2	
		*Normally shows short position 4-10.			6GM8	6	30	6	1	1	6	26	10	5	9	6	48	1
6GF7	6	28	6	2	6GN7	6	33	6	7	2	6	33	9	9	2	6	48	1
		43	6	9			31	6	9	2	6	33	9	9	2	6	35	6
6GF7A	6	28	6	2			*24	7	2	2	6	30	9	7	2	6	27	2
		43	6	9			6	2	2	2	6	29	6	9	2	6	*27	3
6GH8	6	31	6	2			6	2	2	2	6	29	6	2	2	6	*Normally shows short position 6-8.	
		31	6	9			6	2	2	2	6	29	6	2	2	6		

Normal shorts refer to position of "C" switch.

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6EJ7-6HA6

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
6HB5	6	*25	1	3	9	6HR6	6	24	6	1	1	6I5	6	42	1	5	3		
*Normally shows short position 4-10.																			
6HB6	6	*25	3	2	2	6HS5	6	*26	2	1	9	6I6	6	34	6	5	1		
*Normally shows short position 6-8.																			
6HB7	6	27	1	2	2	6HS6	6	26	6	1	1	6I7	6	50	1	10	3		
*Normally shows short position 1-7.																			
6HC8	6	36	6	3	2	6HS8	6	30	6	7	2	6I9	6	26	6	2	2		
*Normally shows short position 1-4-7-9.																			
6HD5	6	*27	3	1	9	6HT5	6	*56	2	6	9	6I10	6	39	6	6	7	2	2
*Normally shows short position 4-5-9-10.																			
6HD7	6	30	1	2	2	6HT6	6	28	3	2	2	6I11	6	39	6	6	6	1	9
*Normally shows short position 2.																			
6HE5	6	*32	10	2	9	6HU6	6	*55	2	1	2	6JA8	6	25	6	7	2	2	2
*Normally shows short position 1-3-4-10.																			
6HE7	6	25	11	9	9	6HU8	6	29	6	2	2	6JB5	6	99	6	3	2	2	2
*Normally shows short position 1-3-4-10.																			
6HF5	6	*25	10	5	9	6HV5	6	*32	2	1	9	6JB6	6	*29	7	2	10		
*Normally shows short position 1-3-4-5-8-10.																			
6HQ5	6	29	2	1	1	6HW8	6	32	6	6	2	6JB6A	6	*29	7	2	10		
6HR5	6	30	8	1	1	6HZ5	6	*30	2	1	9	6JZ6	6	*29	7	2	10		
*For grid emission turn C switch to position 2.																			
6HU8	6	29	6	2	2	6JG6	6	28	1	2	10	6JZ8	6	26	6	1	1		
6HV5	6	31	6	8	2	6JG6A	6	28	1	2	10	6JZ8	6	25	6	7	2	2	2
6HK5	6	27	2	1	1	6JH5	6	*30	2	1	9	6JZ8	6	25	6	7	2	2	2
6HL5	6	30	2	7	2	6JH6	6	25	6	1	1	6JZ8	6	25	6	7	2	2	2
6HL8	6	32	9	2	2	6JH8	6	32	6	6	2	6JZ8	6	25	6	7	2	2	2
6HM5	6	27	2	1	1	6JH8	6	32	6	6	2	6JZ8	6	25	6	7	2	2	2
6HM6	6	24	3	2	2	6JH8	6	32	6	6	2	6JZ8	6	25	6	7	2	2	2
6HQ5	6	29	2	1	1	6JH8	6	32	6	6	2	6JZ8	6	25	6	7	2	2	2
6HR5	6	30	8	1	1	6JH8	6	32	6	6	2	6JZ8	6	25	6	7	2	2	2
*Must show short position 3-10.																			
*May show short position 5-6-8-9.																			
*Normally shows short position																			

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
6JC5	6	*35	10	2	9	6JF6	6	*26	2	6	10	6JN8	6	26	6	9	2		
*Normally shows short position 1-3-4-10																			
6JC6	6	26	3	2	2	6JG5	6	32	6	7	2	6JQ6	6	*32	8	8	2		
6JC6A	6	26	3	2	2	6JG6	6	28	1	2	10	6JQ6	6	*32	8	8	2		
6JG8	6	27	1	2	2	6JG6A	6	28	1	2	10	6JQ6	6	*32	8	8	2		
6JD5	6	*30	2	1	9	6JH5	6	*30	2	1	9	6JQ6	6	*32	8	8	2		
*Must show short position 3-10																			
*May show short position 5-6-8-9																			
6JD6	6	26	1	2	2	6JH6	6	25	6	1	1	6JR6	6	34	1	2	10		
6JE6	6	*29	7	2	10	6JH8	6	32	6	6	2	6JS6	6	*29	10	5	9		
6JEB	6	*29	7	2	10	6JH8	6	32	6	6	2	6JW8	6	29	6	2	2		
6JEB	6	*29	7	2	10	6JH8	6	32	6	6	2	6JW8	6	29	6	2	2		
*Normally shows short position 1-7.																			
6JEC	6	*29	7	2	10	6JK5	6	*30	2	1	9	6JX8	6	26	6	9	2		
*Normally shows short position 1-7.																			
6JE8	6	25	6	7	2	6JK6	6	26	6	1	1	6JY8	6	33	6	9	2		
6JE8	6	26	6	2	2	6JK8	6	30	6	2	2	6JY8	6	30	6	7	2		
*Normally shows short position 1-7.																			
6JG6	6	29	7	2	10	6JL6	6	26	6	1	1	6JZ6	6	27	10	5	9		
*Normally shows short position 1-7.																			
6JG6	6	25	6	7	2	6JL8	6	35	6	2	2	6JZ6	6	27	10	5	9		
*Normally shows short position 1-7.																			
6JG6	6	26	6	2	2	6JM6	6	26	6	4	5	6JZ8	6	29	7	7	9		
*Normally shows short position 1-7.																			
6JG6	6	27	4	1	9	6JN6	6	27	4	1	9	6K6	6	41	6	5	3		
*Normally shows short position 1-7.																			

Normal shorts refer to position of "C" switch.

6HB5-6K6

TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	
6K7	6	52	1	10	3	6KM6	6	*27	2	6	10	6KU8	6	22	6	7	2	6L43	6	*32	2	9	2	
6K8	6	35	1	5	3	*Normally shows short position 1-7.	6	31	6	7	2	*Normally shows short position 3-8.	6	65	6	2	2	6LB6	6	*28	10	5	9	
6K11	6	35	6	1	9	6KM8	6	75	6	3	2	6KV6	6	28	1	2	10	Normally shows short position 1-3-4-10.	6	25	6	7	2	
		35	6	9	9	6KN6	6	*28	10	5	9	6KV8	6	27	6	7	2			6	25	6	7	2
6KA8	6	26	6	6	2	*Normally shows short position 1-3-4-10.	6	86	6	1	2	6KW6	6	34	6	2	2	6LB8	6	39	6	2	2	
		33	6	2	2		6	90	6	6	2	6KY6	6	28	3	2	2	6LC6Δ	6	87	6	5	3	
6KD6	6	*25	10	5	9	6KN8	6	24	6	7	2	6KY8	6	30	6	2	10	6LC8	6	25	3	6	2	
*Normally shows short position 1-3-4-10.						6KR8	6	26	6	2	2	6KY8A	6	40	6	9	10			6	29	7	2	2
6KD8	6	30	6	2	2	6KR8A	6	24	6	7	2	6L6	6	37	1	5	3	6LD6	6	*29	6	2	2	
		28	6	9	2	6KS6	6	99	6	5	1	6L7	6	44	1	10	3	*Normally shows short position 3-9.	6	43	6	8	2	
6KE8	6	26	6	2	2	6KS8	6	*27	6	7	2	6L8	6	32	6	4	3	6LD12	6	35	6	2	2	
		26	6	9	2	*It may show short position 1-6.	6	*31	6	2	2	6L10	6	32	6	2	2			6	31	5	9	9
6KF8	6	38	6	7	2	6KT6	6	25	1	2	2	6L12	6	32	6	2	2	*May show short position 1-3-4-7-10.	6	42	6	2	2	
		38	6	7	2	6KT8	6	28	6	7	2	6L41	6	33	6	7	2	6LF8	6	42	6	2	2	
6KG6	6	*26	1	8	10															6	30	6	7	2
*Normally shows short position 2-3-6-7.																								

Δ Use TC-75 Adapter. ♦ Use TC-80 Adapter. Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	
6LG6	6	*32	10	5	9	6LR6	6	*32	10	5	9	6M11	6	25	6	5	9	6MN8	6	33	8	8	9	
*May show short position 1-3-4-7-10.						*May show short position 1-3-4-7-10.	6	27	6	2	10	*May show short position 1-3-4-7-10.	6	25	6	8	9			6	32	8	10	9
6LH6Δ	6	87	6	5	3	6LR8	6	29	6	9	10	6MB8	6	27	6	8	2	6M-P17	6	35	7	1	1	
6LJ6	6	*58	1	5	3	6LT8	6	26	8	9	2	6MD8	6	30	6	1	2	6M-P18	6	35	1	7	1	
*Normally shows short position 3-4.												6ME8	6	35	6	6	10	6MP20	6	30	6	1	1	
6L8	6	*95	3	2	2	6LU6	6	30	1	8	2	6MF8	6	30	6	9	10	6M08	6	30	6	2	2	
**93	3	7	2	2		6LV6	6	28	7	1	9	6MH8	6	35	6	6	2			6	31	6	2	2
*For grid emission turn "C" switch to position 1.						6LV8	6	31	7	10	9	6MH3	6	30	6	6	2	6MU8	6	31	6	6	2	
**For grid emission turn "C" switch to position 9.						*May show short position 1-3-4-7-10.	6	*31	5	9	9	6M8	6	34	7	10	9	6MV8	6	30	6	6	7	2
6LM8	6	28	6	2	2	6LX6	6	*37	10	5	9	6MV8	6	33	6	2	2	6MY8	6	28	7	7	9	
6LN8	6	26	6	9	2	*Normally shows short position 1-3-4-7-10-11	6	24	6	7	2	6M8	6	27	6	5	1	6N3	6	31	7	10	9	
		31	6	2	2							6M8	6	27	6	6	1	6N7	6	29	6	9	2	
6LQ6	6	*29	7	2	10	6LY8	6	34	6	9	2	6M8	6	35	8	8	1	6N7	6	47	1	4	3	
*Normally shows short position 1-7.												6M8	6	35	8	10	9	6N8	6	47	1	5	3	
6LQ8	6	26	6	7	2							6M8	6	34	6	7	2	6N8	6	37	6	2	2	
		26	6	2	2							6M-L4	6	33	2	6	1	6N8	6	64	6	6	8	
		26	6	2	2													6NKGT	6	40	6	4	3	
																		6P5	6	48	6	5	3	

**6K7-6P5**

Δ Use TC-75 Adapter

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O
6P15	6	33	1	2	6R-HH8	6	86	6	1	6SF5	6	41	1	3	6ST7	6	52	1	2
6Q7	6	40	1	10	6R-K19	6	90	6	6	6SF7	6	46	1	2			72	1	4
		63	1	4			6	30	2	6SG7	6	69	1	5			72	1	5
		63	1	5			6	38	2			6	34	5			43	6	1
6Q11	6	35	6	1	6R-P15	6	38	2	1			6	34	5			43	6	1
		35	6	7	6R-P22	6	*35	2	9	6SH7	6	33	5	4	6SZ7		44	1	2
		35	6	9			*Normally shows short position 3-8.			6SJ7	6	35	1	4			72	1	4
6R3	6	30	2	9	6S2	6	*95	1	10	6SK7	6	40	1	4			72	1	5
6R4	6	35	6	1			*Normally shows short position 6-11.			6SL7	6	43	6	4			*33	2	6
6R7	6	52	1	10	6S4	6	37	3	6			6	43	6			*Normally shows short position 1-7.		
		63	1	4	6S7	6	47	1	10	6SN7	6	44	6	1	6T8	6	43	6	2
		63	1	5	6S8	6	45	5	10			6	44	6			35	6	2
6R8	6	49	6	8			62	5	1	6SQ7	6	42	1	2			35	6	1
		37	6	2			62	5	4			82	1	4			35	6	1
		37	6	1			62	5	4	6SR7	6	46	1	2	6T8A	6	43	6	8
		37	6	2			63	2	3			6	46	1			35	6	2
6R-A6	6	35	6	7	6SA7	6	37	1	5			6	68	1			35	6	1
6R-A9	6	32	8	2	6SB7Y	6	34	1	5	6SS7	6	68	1	5			35	6	8
		32	8	2			6	48	1			6	46	1	6T9	6	27	6	4
6R-B11	6	32	3	6	6SC7	6	48	1	3			6	46	1			27	6	4
		27	6	2			48	1	4	6T10	6	33	6	3			33	6	3
6R-H2	6	27	6	7	6SD7	6	35	6	4			6	27	6	6T10	6	27	6	8
		27	6	7			35	6	4			6	27	6			27	6	8

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O
6U6	6	36	6	5	6W4	6	32	6	5	6ZY5	6	43	6	3
6U7	6	48	6	10	6W6	6	35	6	3			6	43	6
6U8	6	33	6	2	6W7	6	50	6	10	6Z4	6	41	6	6
		33	6	9	6X4	6	44	6	1	6Z5	6	34	6	6
6U9	6	30	6	3			44	6	6	6Z6	6	48	6	3
		30	6	3			44	6	6	6Z7	6	48	6	6
		40	6	10	6X5	6	40	1	3	6Z8	6	45	6	6
		39	6	7			40	1	5	6Z9	6	45	6	6
6U10	6	25	6	9	6X6	6	48	6	3	6Z10	6	50	4	3
		25	6	9			48	6	5	6Z11	6	50	4	3
		39	6	1	6X8	6	30	6	7	6Z12	6	41	6	6
6V3	6	31	6	7			30	6	7	6Z13	6	41	6	6
		31	6	7			30	6	7	6Z14	6	41	6	6
		40	6	1	6X9	6	32	6	2	6Z15	6	41	6	6
		40	6	1			32	6	2	6Z16	6	41	6	6
6V4	6	40	6	7	6Y9	6	38	6	10	6Z17	6	32	6	6
		40	6	7			38	6	10	6Z18	6	32	6	6
6V6	6	41	1	5	6Y6	6	36	6	5	6Z19	6	33	6	6
6V8	6	40	6	6	6Y9	6	30	6	1	6Z20	6	33	6	8
		40	6	6			30	6	1	6Z21	6	33	6	8
		32	6	2	6Y10	6	29	4	3	6Z22	6	33	6	8
		32	6	7			29	4	3	6Z23	6	33	6	8
		61	6	9	6Z10	6	30	6	6	6Z24	6	33	6	8
6V9	6	34	6	3			30	6	6	6Z25	6	33	6	8
		32	6	8	6Z31	6	44	6	1	6Z26	6	33	6	8
		32	6	8			44	6	1	6Z27	6	33	6	8

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	
7EY6	7	35	6	5	3	7L7	6	36	6	4	8AC9	8	34	6	9	8B10	8	43	6	3
7F7	6	45	6	4	4	7MP18 7N7	7	35	1	7	8AC10	8	47	3	3	8BA8	8	34	6	8
7FC7	7	29	6	2	2	7Q7	6	42	6	4	8AL9	8	30	6	1	8BA8	8	31	6	7
7G7	6	36	6	6	4	7R7	6	35	6	4	8AR11	8	30	6	7	8BA11	8	37	6	2
7GS7	7	30	9	9	2	7S7	6	72	6	4	8AU8	8	30	6	9	8BA11	8	29	6	4
7GV7	7	33	9	9	2	7T7	6	38	6	4	8AV11	8	30	6	5	8BH8	8	34	6	7
7H7	6	35	6	6	4	7V7	6	52	6	4	8AW8	8	28	6	1	8BM11	8	29	6	6
7HG8	7	24	3	2	2	7X6	6	31	6	4	8B8	8	33	6	2	8BN11	8	25	6	3
7J7	6	35	6	6	4	7Y4	6	45	6	3	8B8	8	33	6	2	8BN11	8	25	6	3
7K7	6	45	6	4	4	7Z4	6	45	6	4	8BQ11	8	39	6	1	8BN11	8	25	6	3
7KY6	7	27	3	2	2	8A8	9	50	6	4										
7KZ6	7	26	3	2	2			31	6	2										

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	
8BU11	8	28	6	8	9	8CU8	8	32	1	7	8GN8	8	33	6	7	8JU8A	8	*42	2	1
8CB11	8	28	6	6	9	8CX8	8	33	6	7	8GU7	8	31	6	2	8JU8A	8	**42	9	7
8CG7	8	45	6	2	2	8CY5	8	35	2	1	8GX7	8	26	3	2	8JU8A	8	**Normally shows short position 8		
8CH8	8	33	6	7	2	8CY7	8	31	2	3	8HA6	8	27	3	2	8JU8A	8	**Normally shows short position 2		
8CL8	8	32	6	9	2	8DE7	8	44	2	7	8HG8	8	24	3	2	8K11	8	35	6	1
8CM7	8	40	6	7	2	8DX8	8	25	6	8	8I8	8	25	1	6	8KA8	8	35	6	7
8CN7	8	44	10	7	2	8EB8	8	33	6	2	8IE8	8	26	6	2	8KA8	8	35	6	9
8CS7	8	33	10	2	2	8EM5	8	36	3	6	8IK8	8	30	6	2	8KA8	8	35	6	9
8CW5	8	47	6	7	2	8ET7	8	30	6	7	8JL8	8	31	6	7	8KA8	8	*27	6	7
7EY6-8LE8	8	30	1	2	2	8F07	8	36	6	7	8JL8	8	35	6	2	8KA8	8	*31	6	2
						8GJ7	8	24	3	2	8JL8	8	35	6	2	8KA8	8	*It may show short position 1-6.		
						8GM6	8	26	3	9	8JT8	8	25	2	7	8KA8	8	28	6	7
								30	6	1	8JL8	8	28	6	2	8KA8	8	28	6	2
											8JL8	8	25	2	7	8KA8	8	25	3	6
											8JL8	8	34	6	2	8KA8	8	32	7	2
											8JL8	8	26	6	2	8KA8	8	29	6	9
											8JL8	8	26	6	2	8KA8	8	26	6	10

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	
8L8	8	26	8	9	2	9AH9	9	37	5	2	9CL8	9	32	6	9	9K66	9	26	1	8
		30	1	6	2	9AK8	9	30	5	6										
8MD8	8	30	1	8	2			43	6	8	9DZ8	9	30	6	3					
		35	6	6	10			35	6	2	9EA8	9	37	6	1					
		35	6	8	10			35	6	2										
8M-P12	8	35	6	9	10	9AK10	9	30	6	1	9ED4	9	31	6	9					
		34	6	1	1			30	6	7										
8MU8	8	31	6	2	2	9AQ8	9	30	6	9										
		31	6	9	2			32	6	2	9GH8A	9	31	6	2					
8R-HP1	8	33	6	3	2			32	6	7										
		39	6	1	2	9AU7	9	40	10	2	9GV8	9	29	6	9					
8RLP1	8	29	6	3	2			40	10	7										
		36	6	1	2	9BJ11	9	26	6	1	9HS6	9	26	6	1					
		44	6	1	8			26	6	6	9J6	9	34	6	5					
8SN7	8	44	6	4	8	9BR7	9	32	10	2										
		30	6	3	13			37	10	6	9JW8	9	29	6	2					
8U9	8	40	6	10	13			37	10	7										
		32	6	3	13	9BR8	9	32	6	9	9K06	9	27	6	2					
8X9	8	32	6	3	13			31	6	1										
		38	6	10	13	9C88A	9	30	3	9										
9A8	9	31	6	2	2			32	3	1										
		34	6	9	2															

◆Use TC-80 Adapter

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
9V9	34	6	3	13	10DX8	10	25	6	8	2	10GF7A	10	28	6	2	10J78	10	25	2
	32	6	8	13			25	6	1	2	10GH8	10	43	6	9	10JY8	10	26	6
9X8	9	30	6	7	2	10E/312	25	34	6	5									
	32	6	2	2	10E/349	6	41	6	10	3									
10AF11	10	31	6	1	9	10E/558	6	52	6	10	10GK6	10	33	3	2	10KR8	10	24	6
	31	6	6	9	10E/11448	6	42	6	5	3	10GM8	10	33	6	2				
	35	6	3	9	10E/11533	6	39	6	5	3	10GN8	10	33	6	7	10KU8	10	22	6
10AL11	10	31	6	3	9	10E/11581	6	40	6	10	10GV8	10	35	6	2				
	27	6	8	9	10EB8	10	33	6	7	2									
10R05	10	33	1	2	2			34	6	2									
	31	6	6	9	2	10EG7	10	32	6	1	10HA6	10	29	6	2	10LD6	10	29	7
10C8	10	32	6	8	2			45	6	4									
	30	1	2	2	2	10EM7	10	32	6	4									
10CW5	10	30	1	2	2			45	6	4									
	19	33	6	2	1	10EW7	10	31	2	3									
10D2	19	33	6	2	1			45	6	4									
	33	6	7	1	1	10FD7	10	24	2	7	10HF8	10	24	6	7				
10DE7	10	33	2	3	2			24	2	3									
	44	2	7	2	2	10FR7	10	38	2	3									
10DR7	10	32	2	3	2			35	2	7									
	41	2	7	2	2	10GF7	10	28	6	2									
								43	6	9									
8LT8-10LY8																			

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	Socket	TUBE TYPE	Heater	A	B	O	Socket	TUBE TYPE	Heater	A	B	O	Socket	TUBE TYPE	Heater	A	B	O	Socket
10LZ8	10	34	6	2	2	11CA11	11	35	9	3	9	11L18	11	26	8	9	2	12AE10	12	30	6	8	9
10T10	10	29	6	7	2	11CF11	11	33	9	6	9	11MS8	11	30	1	6	2	12AF3	12	31	6	3	9
10Z10	10	33	6	3	9	11CY7	11	33	9	8	9	11R3	11	30	1	8	2	12AF6	12	32	2	9	2
11AF9	11	27	6	8	1	11DS5	11	39	7	9	9	11Y9	11	29	6	9	2	12AF11	12	37	6	1	1
11AR11	11	30	6	1	9	11FY7	11	33	6	1	9	12A4	12	29	6	2	2		12	28	6	8	9
11BM8	11	95	6	6	9	11HM7	11	33	6	5	9	12A6	12	30	2	9	2		12	28	6	5	9
11BN11	11	30	8	1	13	11JES	11	31	2	3	2	12A8	12	30	6	1	13		12	34	6	10	9
11BQ11	11	28	2	8	13	11JES	11	45	2	7	2	12AB5	12	30	6	8	13		12	35	6	1	1
11BT11	11	28	6	5	9	11JES	11	33	1	7	1	12AB6	12	32	3	7	7		12	48	6	1	1
11C5	11	28	6	10	9	11JES	11	25	9	3	9	12AD6	12	45	6	5	3		12	48	6	5	8
		33	6	3	2	11JES	11	43	9	10	9	12AD7	12	45	6	5	3		12	40	6	1	1
		39	6	1	2	11JES	11	25	7	2	2	12AD7	12	40	10	2	2		12	33	6	2	1
		25	6	3	9	11JES	11	26	6	7	2	12AE6	12	40	10	7	2		12	33	6	7	1
		25	6	7	9	11JES	11	27	6	2	2	12AE6	12	52	6	1	1		12	34	6	3	2
		26	6	5	9	11JES	11	26	6	7	2	12AE7	12	66	6	5	1		12	52	6	8	2
		26	6	10	9	11JES	11	26	6	2	2	12AE7	12	66	6	6	1		12	31	6	3	9
		30	9	5	9	11JES	11	26	6	2	2	12AE7	12	32	10	2	2		12	27	6	8	9
		26	9	3	9	11JES	11	26	6	2	2	12AE7	12	32	10	7	2		12	35	1	7	1
		38	2	5	1	11JES	11	26	6	2	2	12AE7	12	32	10	2	2		12	27	6	1	7

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	Socket	TUBE TYPE	Heater	A	B	O	Socket	TUBE TYPE	Heater	A	B	O	Socket	
12AS5	12	36	2	5	1	12AX4	12	35	6	5	8	12BE3	12	26	4	10	9	
12AT6	12	39	6	1	1	12AX7	12	42	10	2	2	12BE6	12	35	6	1	1	
		72	6	5	1	12AY3	12	42	10	7	2	12BF6	12	50	6	1	1	
		72	6	6	1	12AY3A	12	30	8	2	10		66	6	5	1	1	
12A7	12	32	10	2	2	12AV7	12	44	10	2	2	12BF11	12	66	6	6	1	
		32	10	7	2	12AV7	12	44	10	2	2		25	6	3	9		
12AU5	12	40	6	1	3	12AZ7	12	33	10	2	2	12BH7	12	35	10	2	2	
12AU6	12	33	6	1	1	12B4	12	33	10	7	2	12BK5	12	35	10	7	2	
12AU7	12	40	10	2	2	12B4	12	35	3	7	7	12BK6	12	37	3	7	2	
		40	10	7	2	12B7	12	45	6	6	4	12BK6	12	39	6	1	1	
12A8	12	31	6	7	2	12BA6	12	33	2	1	1	12BL6	12	57	6	5	1	
12AV5	12	33	6	1	3	12BA7	12	33	6	2	2	12BN6	12	99	6	5	1	
12AV6	12	40	6	1	1	12BA11	12	28	6	4	9	12BQ6	12	35	6	5	3	
		78	6	5	1	12B14	12	33	2	1	10	12BR3	12	30	2	9	2	
12AV7	12	32	10	2	2	12B14	12	33	2	1	10	12BR7	12	32	10	2	2	
		32	10	7	2	12BC32	12	67	6	5	1		36	10	6	2		
12AW6	12	38	6	1	1		67	6	5	1		36	10	6	2			
12AX3	12	34	4	10	9	12BD6	12	43	6	1	1	12BS3	12	27	8	2	10	
		34	4	10	9		67	6	6	1	1	12BT3	12	27	4	10	9	
10LZ8-12C8																		

Normal shorts refer to position of "C" switch.

Use TC-80 Adapter



TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O
12C8Y	12	55	6	10	12DE8	12	36	6	1	12DS7	12	34	6	3	12DW7	12	43	10	2
12CA5	12	65	6	4	12DF5	12	52	10	6	*Tube good if it reads 20 or more.	*85	6	1	2	12DW8	12	43	10	7
12CK3	12	25	8	2	12DF7	12	40	10	2	12DT5	12	*38	3	6	32	6	6	7	2
12CL3	12	27	2	7	12DJ8	12	31	6	2	*Normally shows short position 7-11.	12	33	6	1	44	6	6	9	2
12CM6	12	40	3	6	12DK6	12	33	6	1	12DT6	12	41	10	2	30	6	6	1	2
12CN5	12	33	2	5	12DK7	12	33	9	1	12DT7	12	41	10	7	12	33	6	1	1
12CR6	12	39	6	7	12DM4	12	80	9	6	12DT8	12	30	6	2	12	30	6	3	2
12CS6	12	35	6	1	12DQ4	12	30	6	5	12DU7	12	31	6	1	12	48	6	5	3
12CT3	12	32	2	6	12DQ4	12	32	6	5	12DU7	12	77	6	7	12	30	6	9	2
12CT8	12	35	6	8	12DQ6	12	34	6	5	12DV8	12	58	6	9	12	31	6	1	1
12CU5	12	37	6	2	12DQ8	12	30	6	5	12DV8	12	58	6	1	12	31	6	1	1
	12	*33	2	5	12DQ7	12	*32	7	2	12DW4A	12	29	8	2	12	38	6	1	1
					*Normally shows short position 3-9.					12DW5	12	33	3	6	68	6	5	1	1
					*It may show short pin 1-11.										68	6	6	1	1
12CU6	12	35	6	5	12DQ4	12	32	6	5										
12CX6	12	30	6	1	12DQ6	12	34	6	5										
12D4	12	33	6	5	12DQ8	12	30	6	5										
12DA6	12	34	1	2	12DQ7	12	*32	7	2										
12DB5	12	*38	3	6	*Normally shows short position 3-9.														
					*Normally shows short position 2-7.														

Normal shorts refer to position of "C" switch.

# 12C8Y-12JB6A

TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O
12EM6	12	34	6	1	12FQ8	12	39	6	2	12G-B7	12	33	6	5	12HG7	12	27	7	2
12EN6	12	90	6	9	12FR8	12	*25	6	3	12GC5	12	*33	3	6	*Normally shows short position 3-9.	12	35	6	1
12EQ7	12	34	6	2	*Normally shows short position 1-7.	12	*37	6	1	*Normally shows short position 1-8.	12	25	11	9	12HL5	12	30	2	7
										12GC6	12	33	4	5	12HL7	12	28	7	2
12EZ6	12	32	6	1	12FV7	12	35	10	2	12G-K17	12	35	6	5	*Normally shows short position 3-9.	12	27	11	2
12F5	12	40	6	10	12FX5	12	32	2	5	12GE5	12	*27	3	1	12HUS	12	29	6	2
12F8	12	40	6	8	12FX8	12	32	6	2	*Normally shows short position 3-9.	12	*35	7	2	12J5	12	42	6	5
										12G-T5	12	35	7	2	12J7	12	50	6	10
12F31	12	33	2	1	12FX8A	12	28	6	6	12G-T5A	12	*35	7	2	12J8	12	30	6	1
12FK6	12	40	6	1	12G4	12	25	6	6	*Normally shows short position 1-7.	12	24	7	2	35	6	8	2	
										12GV5	12	*26	10	5	12JB6	12	*29	7	2
12FM6	12	35	6	1	12G11	12	36	6	3	*Normally shows short position 1-3-4-7-10.	12	30	6	2	*Normally shows short position 1-7.	12	29	7	2
										12GW6	12	30	6	5	12JB6A	12	*29	7	2
12FQ7	12	36	6	2	12GA6	12	36	6	1	12H6	12	48	6	3	*Normally shows short position 1-7.	12	29	7	2
					12G-B3A	12	27	6	1	12H6	12	48	6	3					

Use TC-80 Adapter

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
12JF5	12	*34	3	1	9	12KL8	12	30	6	2	2	12SF5	12	48
*Normally shows short position 4-10														
12JM6	12	26	4	5	9	12L6	12	34	6	5	3	12SF7	12	46
12JN6	12	27	4	1	9	12MD8	12	35	6	6	10	12SG7	12	69
12JN8	12	26	6	9	2									
12JN8	12	27	4	1	9									
12JN8	12	26	6	1	2									
12JN8	12	*35	8	8	2									
12JN8	12	*58	8	6	2	12NK7GT	12	44	6	1	8	12SH7	12	33
*May show short position 2-3.														
12JS6	12	*29	10	5	9	12Q7	12	40	6	10	3	12SJ7	12	35
12JS6	12	27	4	1	9									
*Normally shows short position 1-3-4-10.														
12JT6	12	34	1	2	10	12R5	12	39	2	5	1	12SN7	12	44
12JT6A	12	34	1	2	10	12R-K19	12	30	2	9	2	12SQ7	12	42
12JT8	12	29	7	7	9	12R-L15	12	36	6	2	2			
12K5	12	40	7	10	9									
12K5	12	35	5	6	1	12S8	12	45	5	10	8	12SR7	12	46
12K7	12	52	6	10	3									
12K8	12	35	6	5	3									
12KA8	12	26	6	6	2	12SA7	12	37	6	5	3	12SS7	12	46
12KA8	12	33	6	2	2	12SC7	12	48	6	3	8			

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
13DE7	12	33	2	3	2	13GF7A	13	28	6	2	10	14BF11	14	25
13DF7	13	40	10	2	2	13J10	13	99	6	6	9	14BL11	14	29
13DR7	12	32	2	3	2	13J18	13	25	2	7	2			
13EM7	12	32	6	1	8	13JZ8	13	29	7	7	9	14BQ11	14	26
13FD7	12	24	2	3	2	13SJ7	12	35	6	4	3	14BR11	14	29
13FG7	13	27	3	9	2	13V10	13	38	6	3	9			
13FM7	13	25	3	8	9									
13FR7	12	25	2	3	2	14A4	12	41	6	6	4	14C5	12	38
13GB5	13	*26	1	2	10	14A5	12	34	6	6	4	14C7	12	37
13GF7	13	28	6	2	10	14A7	12	45	6	6	4	14E6	12	69
13GF7	13	28	6	2	10	14AF7	12	41	6	4	4			
13GF7	13	28	6	2	10	14B6	12	68	4	4	4	14F7	12	45
13GF7	13	43	6	9	10									
14B88	12	42	6	4	4	14B88	12	42	6	4	4			

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O					
14X7	12	43	6	3	4	15EA7	15	35	6	1	8	15LE8	15	29	6	9	2	16CL8	16	32	6	9	2	
		36	6	3	4	15MF8	15	39	6	4	8	15MF8	15	35	7	7	9	166K6	16	32	6	1	2	
14Y4	12	45	6	3	4	15EW6	15	29	6	1	1	15MX8	15	34	7	10	9	166K6	16	33	3	2	2	
		45	6	3	4	15EW7	15	31	2	3	2			30	6	2	10	166Y5	16	*25	5	9	9	
		45	6	6	4			45	2	7	2			15	30	6	2	10						
15A6	15	30	6	2	2	15FM7	15	25	3	8	9	16A5	16	40	6	9	10							
		36	6	4	3	15F7	15	36	3	10	9	16A5	16	71	2	9	2	16HB5	16	*25	1	3	9	
15AF11	15	40	6	3	3	15G5	15	25	9	3	9	16A8	16	33	6	3	2							
		31	6	1	9			42	9	10	9	16A8	16	39	6	1	2							
		31	6	6	6			25	5	9	9	16AK9	16	30	7	10	9							
		31	6	6	6			*25	5	9	9			40	7	3	9							
15BD11	15	26	6	1	9			30	7	8	9	16A03*	16	30	7	3	7							
		31	6	3	9			30	7	8	9			30	7	3	7							
		31	6	3	9			30	7	3	7			30	7	3	7							
		31	6	6	6			30	7	3	7			30	7	3	7							
15BD11A	15	26	6	1	9			30	7	3	7	16A03	16	30	3	7	7							
		31	6	3	9			30	7	3	7			30	3	7	7							
		31	6	6	9			30	7	3	7			30	3	7	7							
		31	6	6	9			30	7	3	7			30	3	7	7							
15CW5	15	*30	1	2	2			30	6	2	10	16A03*	16	30	7	3	7							
		25	6	8	2			30	6	2	10			30	7	3	7							
		25	6	1	2			30	6	2	10			30	7	3	7							
		25	6	1	2			30	6	2	10			30	7	3	7							

Normal Shorts refer to position of "C" Switch.



TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O				
17A8	17	31	6	2	2	17B83	17	30	8	2	10	17D4	17	33	6	5	8	17GV5	17	*26	10	5	9
		34	6	9	2	17BH3A	17	30	8	2	10	17DE4	17	34	6	5	8						
17AB10	17	29	6	1	9	17B16	17	30	8	2	10	17DM4	17	30	6	5	8						
		95	6	6	9	17B16	17	34	6	1	1	17DQ4	17	32	6	5	8						
17AF3	17	32	2	9	2	17BQ6	17	35	6	5	3	17DQ6	17	34	6	5	8	17GW5	17	30	6	5	3
		33	6	1	3			30	2	9	2			30	6	5	3	17GV5	17	*25	5	9	9
17AX3	17	34	4	10	9	17BR3	17	30	2	9	2	17DQ6B	17	30	6	5	3						
		35	6	5	8	17BS3	17	27	8	2	10	17DW4A	17	29	8	2	10						
17AX4	17	30	8	2	10	17BW3	17	28	4	10	9	17EW8	17	32	6	2	2	17H3	17	36	3	8	2
		30	8	2	10	17BZ3	17	28	4	10	9			32	6	2	2	17H-B25	17	*33	2	1	10
17AY3B	17	30	8	2	10	17C5	17	*34	2	5	1	17FY7	17	25	9	3	9						
		33	2	1	10			30	2	5	1			42	9	10	9						
17B-814	17	*33	2	1	10			33	6	2	2	17GE5	17	*27	3	1	9	17H08	17	36	6	3	2
		36-7-8						65	6	7	2			38	6	1	2						
		26	6	1	9			65	6	8	2			17	*32	7	2	10	17H68	17	24	3	2
17BD11	17	31	6	3	9			28	7	1	2			17	*32	7	2	10					
		31	6	3	9			28	7	1	2			17	*32	7	2	10					
17BE3	17	26	4	10	9	17CA5	17	32	2	5	1	17G15A	17	*32	7	2	10						
		25	6	3	9	17CK3	17	25	8	2	10			17	*35	7	2	10					
17BF11	17	25	6	8	9	17CL3	17	27	2	7	10			17	*35	7	2	10					
		25	6	8	9	17C04	17	32	6	5	8			17	*35	7	2	10					
17BF11A	17	25	6	3	9	17C13	17	32	2	6	2			17	*35	7	2	10					
		25	6	1	2	17C05	17	32	2	5	1			17	*35	7	2	10					
		25	6	1	2			32	2	5	1			17	*35	7	2	10					

Normal shorts refer to position of "C" switch.

14X7-17JF6

Use TC-80 Adapter

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C			
17JG6	17	28	1	2	10	17R5	17	39	2	5	1	18GB5	18	*26	1	2	10
17JG6A	17	28	1	2	10	17W6	17	33	6	5	3	18GD6	18	34	6	1	1
17JK8	17	30	6	2	2	17X10	17	98	6	6	9	18GE6	18	37	6	1	1
17JM6	17	26	4	5	9	17Y9	17	30	6	1	13	18GV5	18	*26	10	5	9
17JN6	17	27	4	1	9	17Z3*	17	30	6	8	13	*Normally shows short position					
17JQ6	17	*35	8	8	2	17Z3*	17	30	2	9	2	1-3-4-7-10.					
		58	8	6	2	*if no test—use alternate settings.					18GV8	18	29	6	9	2	2
						*May show short position 2-3.					18HB8	18	36	6	9	2	2
17JR6	17	34	1	2	10	18A5	18	34	6	1	3	*Normally shows short position					
17JS6	17	*29	10	5	9	18AJ10	18	32	4	3	9	18J6	18	34	6	5	1
						*Normally shows short position					18R-AL1	18	52	2	7	2	2
						1-3-4-10.					19A8	19	85	6	1	2	2
17JT6	17	34	1	2	10	18AK5	18	33	2	1	1	19A05	19	38	6	9	2
17JT6A	17	34	1	2	10	18AQ5	18	35	1	7	1	19A05	19	35	1	7	1
17JZ8	17	29	7	7	9	18DZ8	18	30	6	3	2	19A05	19	33	6	9	2
		40	7	10	9	18FW6	18	37	6	1	1	19A05	19	38	6	9	2
17KV6	17	28	1	2	10	18FX6	18	34	6	1	1	19A05	19	33	6	9	2
17KW6	17	28	1	8	10	18FY6	18	38	6	1	1	19A05	19	32	2	5	1
17L6	17	34	6	5	3	18Y6	18	38	6	1	1	19G07	19	31	3	2	2
17L8	17	30	6	2	10		74	6	5	1	1	19B7	19	33	1	2	2
		46	6	9	10		74	6	6	1	1		31	3	3	8	2

◆Use TC-80 Adapter

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C			
19GY5	19	*25	5	9	9	19T8	19	43	6	8	2	20LF6	20	*31	5	9	9
						*Normally shows short position					21JG6	21	26	4	1	9	
						1-3-4-7-10.					21JZ6	21	*27	10	5	9	
19HR6	19	24	6	1	1	19V8	19	40	6	6	2	*Some tubes may show short position 1-3-4-10.					
19HS6	19	26	6	1	1							21KA6	21	*26	10	5	9
19HV8	19	35	6	1	2	19X3	19	29	6	9	2	21KG6	21	*25	1	8	10
		28	6	9	2	19X8	19	30	6	7	2	*Normally shows short position 2-3-6-7.					
19J6	19	34	6	5	1							21L66	21	*32	10	5	9
19J6	19	34	6	6	1							*May show short position 1-3-4-7-10.					
19JC6	19	26	3	2	2							21LR8	21	27	6	2	10
19JN8	19	26	6	9	2							21LJ8	21	28	7	7	9
19JN8	19	26	6	9	2							21M78	21	28	7	7	9
19KF6	19	33	1	7	10							22AL3*	22	27	7	3	7
19KG8	19	24	6	9	2							*If no test, use alternate settings.					
		24	6	2	2							22AL3	22	27	3	7	7
19MR9	19	35	6	1	1							*If no test, use alternate settings.					
19Q9	19	25	6	1	2							22AL3	22	27	3	7	7
		25	6	8	2							*If no test, use alternate settings.					

◆Use TC-80 Adapter

Normal shorts refer to position of "C" switch.

TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	
22BH3	22	30	8	2	10	23	30	7	10	9	25C6	25	36	6	5	
22BH3A	22	30	8	2	10	39	7	3	9	9	25CA5	25	32	2	5	
22BW3	22	28	4	10	9	28	7	8	9	25CD6	25	33	6	5	3	
22DE4	22	34	6	5	8	24	35	6	5	8	25CG3	25	26	4	10	
22JG6	22	28	1	2	10	24	25	6	3	9	25CK3	25	30	8	2	
22JG6A	22	28	1	2	10	25	6	8	9	25CM3	25	30	2	7	10	
22JF6	22	*26	2	6	10	24	*29	7	2	10	25CT3	25	32	2	6	2
*Normally shows short position 1-7.						24	*Normally shows short position 1-7.				25CU6	25	35	6	5	3
22JL6	22	*27	7	2	10	24	29	7	7	9	25D4	25	33	6	5	8
22JL6A	22	*27	7	2	10	24	29	7	7	9	25DK4	25	33	6	5	8
22JL6B	22	*27	7	2	10	24	29	7	7	9	25DL3	25	27	2	7	10
*Normally shows short position 1-7.						24	*Normally shows short position 1-7.				25DN6	25	32	6	5	3
22JR6	22	34	1	2	10	25	*50	6	5	3	25DQ6	25	34	6	5	3
22KM6	22	*27	2	6	10	25	*Normally shows short position 8-11.				25DT5	25	*38	3	6	2
*Normally shows short position 1-7.						25	33	6	5	8	*Normally shows short position 7-11.					
22KV6	22	28	1	2	10	25	33	6	1	3	25E5	25	27	6	5	3
23JS6	23	*29	10	5	9	25	35	6	5	8	25E6	25	32	6	5	3
*Normally shows short position						25	40	6	5	3	25EH5	25	*30	2	5	1
23JW6	23	*29	10	5	9	25	37	3	7	2	*Normally shows short position 1-11.					
*Normally shows short position 1-3-4-7-10.						25	35	6	5	3	25F5	25	38	2	5	1
23JS6A	23	*29	10	5	9	25	30	2	9	2	25F5A	25	38	2	5	1
*Normally shows short position 1-3-4-10.						25	33	2	5	1	25GB6	25	33	6	5	3

Normal shorts refer to position of "C" switch.

Use TC-80 Adapter



TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	
26BK6	25	39	6	1	1	27KG6	*26	1	8	10	30A5	29	27	5	2	
26C6	25	57	6	6	1	*Normally shows short position 2-3-6-7.					30AE3*	30	27	7	3	
26D6	25	50	6	1	1	27LF6	*27	*31	5	9	*If no test, use alternate settings.					
26DQ5	26	57	6	6	1	28D7	30	40	6	2	30AG11	30	28	3	7	
26HU5	26	68	6	5	1	*May show short position 1-3-4-7-10.					30AE3	30	27	3	7	
26JG6	26	28	1	2	10	28H5	28	*26	1	2	30	28	6	8	9	
26LX6	26	*37	10	5	9	*Normally shows short position 3-6-7-8.					30C1	9	31	6	2	
26Z5	26	45	10	1	2	28HA6	28	*27	3	2	30CW5	30	*30	1	2	
27GB5	27	*26	1	2	10	*Normally shows short position 6-8.					*May show short position 6-7-8-9.					
*May show short position 3-6-7-8.						28HD5	28	*27	3	1	30	*27	3	1	9	
22BH3-31LR8						*Normally shows short position 2-3-6-7.					*Normally shows short position 4-5-9-10.					
Use TC-62B Adapter.						29LE6	29	*30	1	8	10	30HJ5	30	*26	3	1
Use TC-80 Adapter.						*Normally shows short position 2-3-6-7.						*Normally shows short position 1-3-4-10.				

Use TC-80 Adapter.

Normal shorts refer to position of "C" switch.

Use TC-62B Adapter.

TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O			
31LZ6	31	*35	7	2	10			34CD3	34	*27	4	10	42KNG	21	*28	10	5	9
*Normally shows short position 1-7.								*Some tubes may show short position 5-6-8-9.										
32A8	32	33	6	3	2			35V4	35	31	4	2						
32E15	30	36	2	5	1			35Z3	35	31	6	2						
32HQ7	32	34	8	2	9			35Z4	35	33	6	5						
33GT7	33	*58	8	10	9			35Z5	35	33	3	5						
*Normally shows short position 9-1.								36AM3	35	35	7	5						
33GY7	33	*58	8	1	9			36KD6	36	*25	10	5						
*Normally shows short position 9-10.								*Normally shows short position 1-3-4-10.										
33HE7	33	25	11	9	9			38A3	38	35	1	6						
33RV6	33	34	1	2	10			38HE7	38	25	11	9						
33V6	33	26	4	1	9			38HK7	38	26	11	9						
								40FR5	38	32	2	5						
								40KD6	40	*25	10	5						
								40T5	50	31	3	5						
								42EC4	42	26	2	5						

Use TC-62B Adapter.

Normal shorts refer to position of "C" switch.

Use TC-80 Adapter

# RECENT RELEASES

TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O			
50F18	50	30	6	3	2			53KU	5	*30	6	4	4	1667	16	32	5	1
50GY7	50	*57	8	1	9			*Normally shows short position 8-11.						1723*	17	30	2	9
*Normally shows short position 9-10.								58HE7	50	25	11	9						
50HC6	50	27	7	2	1			60EH5	50	30	2	5						
50HK6	50	29	7	2	1			60FX5	50	32	2	5						
50HN5	50	28	1	2	2			60HL5	60	30	2	7						
50JV6	50	28	4	5	3			64SPT	6	33	1	2						
50L6	50	34	6	5	3			150C3	50	*99	3	5						
50X6	50	35	6	3	4			*Tube good if it reads 60 or more.										
50Y6	50	35	6	3	3			*Normally shows short position 11.										
50Y7	50	35	6	5	3			213 PEN	19	*32	8	2						
53HK7	50	26	11	9	9			*Normally shows short position 8-11.										
5687	12	37	9	2	2			1622	6	37	6	5						
5688	6	33	7	2	2			1626	12	53	6	5						
*Normally shows short position 1-3-8.								1631	12	37	6	5						
5689	12	37	9	2	2			1632	12	34	6	5						
5679	6	48	6	3	4			1634	12	48	6	3						
1665	6	32	5	1	1			1665	48	6	4	8						

Normal shorts refer to position of "C" switch.

31LZ6-5687

TUBE TYPE	Heater			Socket			TUBE TYPE	Heater			Socket													
	A	B	C	A	B	C		TUBE TYPE	A	B	C	A	B	C										
5691	6	43	6	1	8	5824	25	40	6	5	3	6006	6	34	5	4	3	6082	25	35	6	1	8	
5692	6	44	6	4	8	5845	4	*90	8	1	1	6028	19	33	2	1	1	6084	6	35	6	4	8	
5693	6	44	6	4	8	5871	6	41	6	5	3	6042	6	44	6	1	8	6085	12	39	8	9	2	
5696	6	34	5	6	1	5881	6	37	6	5	3	6046	25	44	6	4	8	6087	5	42	10	2	2	
5725	6	35	6	1	1	5915	6	42	6	1	1	6057	12	42	10	2	2	6087	5	53	6	4	3	
5726	6	33	6	2	1	5920	6	32	6	5	1	6058	6	33	6	2	1	*Normally shows short position 8-11.	6	53	6	6	3	
5727	6	33	6	7	1	5931	5	*42	6	6	4	6060	12	32	10	2	2	6096	6	34	2	1	1	
5749	6	33	2	1	1	*Normally shows short position 8-11.	*42	6	6	3	6062	32	10	7	2	2	6097	6	33	6	2	1	1	
5750	6	35	6	1	1	5932	6	37	6	5	3	6066	6	39	6	1	1	6100	6	41	1	6	1	
5751	12	42	10	2	2	5961	6	37	6	5	3	6067	12	40	10	7	2	6101	6	34	6	6	1	
5755	15	51	10	3	2	5963	12	40	10	2	2	6069	6	33	2	1	1	6113	6	34	6	6	1	
5763	6	33	9	9	2	5984	6	35	6	5	1	6072	12	44	10	2	2	6134	6	43	6	4	8	
5814A	12	40	10	2	2	5965	12	32	10	2	2	6080	6	35	6	1	8	6135	6	41	1	6	1	
5823	1	*85	5	4	6	5992	6	41	6	5	3	6087	6	44	10	7	2	6136	6	33	6	1	1	
						6005	6	35	1	7	1	6137	6	40	6	4	3	6146	6	40	6	4	3	

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater			Socket			TUBE TYPE	Heater			Socket												
	A	B	C	A	B	C		TUBE TYPE	A	B	C	A	B	C									
6147	6	37	6	5	3	6203	6	41	6	1	2	6661	6	33	6	1	1	6688	6	27	3	2	2
6159	25	*38	1	5	3	6211	12	34	10	2	2	6662	6	34	6	1	1	6689	6	25	6	2	2
6180	6	44	6	1	8	6216	6	*29	3	2	2	6663	6	33	6	2	1	6829	12	32	10	2	2
6186	6	31	2	1	1	*Normally shows short position 1-6.	6	29	3	2	2	6664	6	30	6	6	1	6883	12	32	10	7	2
6187	6	35	6	1	1	6218	6	72	6	2	2	6669	6	35	1	7	1	*Normally shows short position 4-6.					
6188	6	43	6	1	8	6227	6	29	1	2	2	6676	6	33	6	1	1	6887	6	33	6	2	1
6189	12	40	10	2	2	6265	6	33	6	1	1	6677	6	*32	2	9	2	6888	6	33	6	7	1
6197	6	*32	2	9	2	6267	6	40	2	9	2	*Normally shows short position 3-8.						6888	6	32	6	4	3
6198	12	40	10	2	2	6350	12	40	10	3	2	6678	6	33	6	2	2	6919	6	35	6	2	1
6201	12	32	10	2	2	6360	12	35	10	3	2	6679	12	32	10	7	2	6922	6	28	6	2	2
6202	6	44	6	1	1	6417	12	33	9	9	2	6680	12	40	10	2	2	6968	6	33	2	1	1
						6463	12	29	10	3	2	6681	12	42	10	7	2	6973	6	*40	3	6	2
						6485	6	35	6	1	1	6683	12	40	10	2	2	*Normally shows short position 1-8.					
						6520	6	35	6	1	8	6686	6	35	6	1	1	7000	6	50	6	10	3
						6550	6	35	6	4	8	*Normally shows short position 4-6.						7025	12	42	10	2	2
						6660	6	33	2	1	1	6687	6	26	1	2	2	7027	6	42	10	7	2

Normal shorts refer to position of "C" switch.

TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O										
7044	12	34	9	2	2	2	2	7119	12	28	9	2	7408	6	39	6	5	3	7701	12	*38	1	2	2	
7054	12	*34	9	2	2	2	2	7167	12	35	2	1	7543	6	34	6	1	1	*Normally shows short position 3-7-8-9.	12	12	33	6	2	2
*Normally shows short position 3-9.	12	33	6	2	1			7189	6	*33	1	2	*7551	15	*34	10	2	2	7716	12	30	6	7	2	2
7055	12	33	6	2	1			*Normally shows short position 6-9.	6	*30	3	2	7558	6	*30	3	2	2	12	29	1	7	7		
7056	12	33	6	1	1			*Normally shows short position 1-9.	6	30	6	7	*Normally shows short position 1-9.	6	37	6	5	3	7719	12	29	1	7	7	
7057	12	32	6	2	2			7233	6	*33	2	7	7581	6	37	6	5	3	7722	6	22	6	2	2	2
7058	12	42	10	2	2			*Normally shows short position 1-3-6-9.	6	*33	2	7	7586	6	37	2	4	5	7724	14	52	6	8	2	2
7059	12	33	6	2	2			7247	12	43	10	2	7587	6	34	4	6	3	35	35	6	6	2	2	2
7060	12	33	6	2	2			7258	12	32	6	8	7591	6	34	1	5	3	35	35	6	6	2	2	2
7061	12	*42	3	6	2			7308	6	24	6	2	7607	6	*34	1	5	3	12	32	10	7	2	2	2
*Normally shows short position 1-8.	12	26	10	7	2			7320	6	33	1	2	*Normally shows short position 4-6.	6	34	1	5	3	12	42	10	2	2	2	2
7062	12	26	10	7	2			7355	6	37	6	6	7643	6	25	6	2	2	12	42	10	7	2	2	2
7105	12	35	6	1	8			7360	6	29	6	3	7643	6	25	6	2	2	12	42	10	7	2	2	2
	35	6	4	8				7370	40	80	9	1	7687	6	35	6	2	2	12	40	10	2	2	2	2
									80	9	9	9	7693	6	39	6	9	2	12	40	10	2	2	2	2
													7694	6	32	6	1	1	12	34	7	2	2	2	2
													7695	50	34	6	6	2	*Normally shows short position 3-9.	12	*34	7	2	2	2

Normal shorts refer to position of "C" switch.

TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O	TUBE TYPE	A	B	O									
7738	6	*33	2	6	1			8032	12.6	*40	1	5	8327	6	25	1	2	2	ARP15	6	52	6	10	3
*Normally shows short position 1-7.	6	30	4	5	3			*Normally shows short position 4-6.	6	30	1	5	8417	6	30	1	5	3	ARP16	6	50	6	10	3
7751	6	30	4	5	3			8056	6	*80	6	2	8425	6	36	6	1	1	ARP17	6	54	6	5	3
7754	6	34	6	6	2			*For grid emission turn C switch	12	*40	1	5	8552	12	*40	1	5	3	ARP32	6	41	6	5	3
7788	6	*29	3	2	2			*Normally shows short position 4-6.	12	35	10	1	8458	12	35	10	1	10	ARP33	6	41	6	5	3
*Normally shows short position 6-9.	6	27	6	5	3			8102	12	28	6	9	2	ARTH-1	6	35	6	5	3					
7867	6	*27	2	6	10			8106	12	*24	3	7	2	AUI3	5	*51	6	4	3					
7868	6	*27	2	6	10			*Normally shows short position 1-7.	6	46	1	6	1						*Normally shows short position 8-11.	12	44	6	1	8
7895	6	*85	6	2	5			7900	6	28	8	1	1						B36	12	44	6	1	8
*For grid emission turn C switch to position 4.	14	28	10	2	2			8113	6	25	6	1	1											
7898	14	28	10	2	2			8136	6	25	6	1	1											
7984	12	*70	8	1	9			8156	13	*32	9	10	9											
*Normally shows short position 2-3-4-5-6-8-9.	6	*25	7	8	10			*Normally shows short position 1-2-3-4-5-6-7-9.	6	32	9	10	9											
8233	6	*25	7	8	10			8278	6	*31	3	7	10											
*Normally shows short position 7-9.	6	*31	3	7	10			*Normally shows short position 1-2-6-8.	6	48	6	5	3											
8278	6	*31	3	7	10			AR18	6	48	6	5	3											
*Normally shows short position 1-2-6-8.	6	48	6	5	3			ARDD3	6	48	6	5	3											
7044-B319	6	44	6	10	3			ARH1	6	44	6	10	3											
Use TC-80 Adapter.	6	44	6	10	3																			

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O
B329	12	40	10	2	CV452	6	39	6	1	CV554	6	48	6	3	CV581	6	46	6	5
B339	12	40	10	2	CV453	6	64	6	1	CV559	25	34	6	3	CV582	6	46	6	5
B719	6	32	6	2	CV454	6	35	6	1	CV561	35	36	6	5	CV583	6	46	6	5
BPM04	6	35	6	7	CV455	12	32	10	2	CV562	35	36	6	5	CV586	6	40	6	10
CV131	6	35	6	1	CV491	12	40	10	2	CV565	35	31	6	2	CV587	63	6	4	3
CV133	6	41	1	6	CV492	12	40	10	2	CV567	35	33	3	5	CV588	6	40	6	10
CV136	6	34	6	1	CV493	12	42	10	2	CV568	35	33	3	5	CV591	63	6	4	3
CV138	6	30	6	1	CV494	12	42	10	2	CV571	50	34	6	5	CV592	6	40	6	10
CV140	6	33	6	2	CV495	6	44	6	1	CV572	6	40	6	3	CV593	63	6	4	3
CV216	50	*99	3	5	CV511	6	41	6	5	CV573	6	40	6	5	CV594	63	6	4	3
					CV538	12	37	6	5	CV574	6	40	6	3	CV595	6	35	6	4
					CV544	12	40	6	4	CV575	40	40	6	5	CV596	6	35	6	4
					CV547	12	42	6	2	CV578	5	*40	6	4	CV597	5	*51	6	4
					CV551	25	36	6	5	CV579	6	*40	6	3	CV598	6	*51	6	6
CV283	6	33	6	2	CV552	25	34	6	5	CV580	6	45	6	5	CV599	6	33	5	4
CV450	6	29	6	5	CV553	25	34	6	5										

Normal shorts refer to position of "C" switch.

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TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O	TUBE TYPE	Heats	A	B	O
CV660	6	33	6	4	CV726	35	31	6	2	CV775	1	62	6	4	CV808	3	45	4	3
CV661	6	35	6	4	CV728	2	*35	6	10	CV776	1	55	6	6	CV815	2	43	8	6
CV664	6	*46	1	6	CV729	5	*35	6	4	CV777	1	54	5	6	CV818	3	*42	5	3
										CV778	1	68	6	4	CV819	3	45	9	5
										CV779	2	53	6	6	CV820	3	*48	5	3
CV665	6	42	2	1															
CV686	50	*85	3	5	CV731	6	54	6	5	CV780	2	52	6	4	CV841	5	40	6	4
					CV732	6	32	6	5	CV781	1	60	6	4	CV842	5	*51	6	4
					CV747	6	33	6	4	CV782	1	57	5	4	CV843	6	40	6	5
					CV753	2	*70	2	6	CV783	1	55	5	3	CV844	6	40	6	5
CV694	12	34	5	4	CV755	1	55	6	5	CV784	1	56	6	6	CV845	6	40	6	5
CV697	12	35	6	4	CV756	1	55	6	5	CV785	1	55	5	6	CV846	6	33	6	4
CV698	12	35	6	4	CV757	1	55	6	5	CV786	1	54	6	5	CV848	6	31	2	1
CV700	12	46	6	2	CV758	1	55	6	5	CV787	50	35	6	3	CV849	6	33	6	4
					CV764	2	54	6	10	CV788	1	55	5	6	CV850	6	33	2	1
					CV768	2	48	6	5	CV805	3	*36	5	4	CV851	6	35	6	5
CV703	6	35	6	5	CV770	2	54	6	10	CV807	3	*36	5	4	CV852	6	41	1	6
CV706	6	48	6	10	CV772	1	55	6	4	CV852	6	41	1	6					
CV717	5	*45	6	4	CV773	1	55	6	5										

Normal shorts refer to position of "C" switch.

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**B329-CV852**

TUBE TYPE	Heater	A	B	O	Booker	TUBE TYPE	Heater	A	B	O	Booker	TUBE TYPE	Heater	A	B	O	Booker
CV858	6	34	6	5	1	CV886	6	38	6	6	4	CV900	6	35	6	6	4
CV862	6	53	6	5	3	CV887	6	50	4	4	4	CV910	12	45	6	5	3
CV865	6	35	6	4	3	CV891	6	40	4	3	4	CV916	12	48	6	3	3
CV866	6	35	6	4	3	CV892	6	47	6	6	4	CV917	12	50	6	10	3
CV867	6	46	6	2	8	CV893	6	69	4	5	4	CV918	12	52	6	10	3
CV873	6	43	6	3	3	CV894	6	68	6	3	4	CV919	12	41	6	3	8
CV876	6	48	6	3	4	CV895	6	35	6	6	4	CV920	12	41	6	3	8
CV877	6	45	6	6	4	CV896	6	45	6	4	4	CV921	12	46	6	2	8
CV878	6	40	6	4	4	CV897	6	50	6	4	4	CV922	12	33	5	4	3
CV879	6	40	6	6	4	CV898	6	42	6	4	4	CV924	12	43	6	1	8
CV880	6	52	6	6	4	CV899	6	42	6	5	4	CV925	12	44	6	1	8
CV881	6	52	6	6	4							CV930	12	45	6	4	4
CV882	6	40	4	3	4												
CV883	6	42	6	4	4												
CV885	6	38	6	6	4												

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	Booker	TUBE TYPE	Heater	A	B	O	Booker	TUBE TYPE	Heater	A	B	O	Booker
CV1377	5	*30	6	4	3	CV1803	1	54	6	5	3	CV1849	5	*52	6	4	3
CV1633	12	32	10	2	2	CV1805	1	54	6	5	3	CV1851	5	*52	6	6	3
CV1649	6	46	6	5	3	CV1811	1	58	6	5	3	CV1852	5	47	6	3	8
CV1741	6	35	6	5	3	CV1818	1	96	6	5	3	CV1854	5	*51	6	4	3
CV1753	35	34	6	6	4	CV1820	1	55	6	10	3	CV1855	5	*51	6	6	3
CV1757	6	42	2	1	1	CV1821	2	53	6	10	3	CV1857	5	52	6	3	8
CV1758	1	55	5	6	6	CV1823	2	53	6	10	3	CV1862	6	35	1	7	1
CV1762	6	43	6	1	1	CV1824	1	48	6	5	3	CV1863	5	*36	6	4	3
CV1777	6	37	6	6	4	CV1826	1	48	6	5	3	CV1876	6	33	6	4	3
CV1784	6	32	6	6	4	CV1829	1	54	6	4	3	CV1878	6	54	6	5	3
CV1790	6	50	6	3	4	CV1846	5	*38	6	6	3	CV1882	6	62	6	1	3
CV1800	1	57	6	5	3	CV1846	5	*38	6	6	3	CV1893	6	55	6	10	3
CV1802	1	57	6	5	3	CV1846	5	*38	6	6	3	CV1895	50	*70	3	5	3
CV858-CV1910						CV1846	5	*38	6	6	3	CV1899	6	40	6	10	3
						CV1846	5	*38	6	6	3	CV1908	6	40	6	10	3
						CV1846	5	*38	6	6	3	CV1909	6	40	6	10	3
						CV1846	5	*38	6	6	3	CV1910	6	40	6	10	3

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O				
CV1911	6	54	6	5	3	CV1945	6	35	6	5	3	CV1964	6	52	6	10	3	CV1990	6	42	6	2	8
CV1912	6	54	6	5	3	CV1946	6	35	6	5	3	CV1965	6	63	6	4	3	CV1991	6	71	6	4	8
CV1926	6	45	6	5	3	CV1947	6	37	6	5	3	CV1966	6	37	6	5	3	CV1992	6	42	6	5	8
CV1928	12	33	2	1	1	CV1948	6	37	6	5	3	CV1967	6	37	6	5	3	CV1993	6	42	6	2	8
CV1929	6	48	6	3	3	CV1949	6	43	6	1	1	CV1968	6	37	6	5	3	CV1994	6	71	6	4	8
CV1930	6	48	6	5	3	CV1950	6	44	6	10	3	CV1969	6	48	6	3	8	CV1995	6	71	6	5	8
CV1931	6	48	6	5	3	CV1951	6	44	6	10	3	CV1970	6	48	6	4	8	CV1996	6	46	6	4	3
CV1932	6	42	6	5	3	CV1952	6	47	6	4	3	CV1971	6	48	6	4	8	CV1997	6	52	6	2	8
CV1933	6	42	6	5	3	CV1953	6	47	6	4	3	CV1972	6	41	6	3	8	CV1998	6	52	6	2	8
CV1934	6	42	6	5	3	CV1954	6	47	6	4	3	CV1973	6	41	6	3	8	CV1999	6	72	6	4	8
CV1935	6	50	6	10	3	CV1955	50	35	2	5	1	CV1974	6	47	6	10	3	CV2000	6	72	6	5	8
CV1936	6	50	6	10	3	CV1956	12	33	6	1	1	CV1975	6	47	6	10	3	CV2001	6	85	6	1	2
CV1937	6	50	6	10	3	CV1957	6	47	6	4	3	CV1976	6	37	6	5	3	CV2002	6	38	6	9	2
CV1938	6	41	6	5	3	CV1958	6	52	6	10	3	CV1977	6	34	5	4	3	CV2003	6	33	9	9	2
CV1940	6	41	6	5	3	CV1959	63	6	4	3	CV1978	6	40	6	4	3	CV2004	3	48	5	3	6	
CV1941	6	52	6	10	3	CV1960	63	6	5	3	CV1979	6	40	6	4	3	CV2005	3	36	5	4	6	
CV1942	6	52	6	10	3	CV1961	6	52	6	10	3	CV1980	6	43	6	1	8	CV2006	3	36	5	4	6
CV1943	6	52	6	10	3	CV1962	6	63	6	4	3	CV1981	6	43	6	4	8	CV2007	3	36	5	4	6
CV1944	6	35	6	5	3	CV1963	63	6	4	3	CV1982	6	44	6	1	8	CV2008	35	33	6	5	3	
						CV1964	63	6	5	3	CV1983	6	44	6	4	8	CV2009	35	33	6	5	3	
						CV1965	63	6	5	3	CV1984	6	44	6	4	8	CV2010	35	33	6	5	3	

Normal shorts refer to position of "C" switch.



TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O				
CV2507	1	52	5	6	6	CV2938	6	35	6	5	3	D2M9	6	33	6	2	1	DCC90	3	45	4	3	6
CV2522	6	35	6	1	1	CV2975	6	33	1	2	2	D63	6	33	6	7	1	DD6	6	45	4	5	6
CV2524	6	33	6	1	1	CV2983	3	45	5	6	6	D77	6	48	6	5	3	DF33	2	33	6	2	1
CV2526	6	40	6	1	1	CV2984	6	35	6	1	8	D152	6	48	6	3	2	DF91	1	55	5	6	6
						CV3512	6	34	5	6	1	D193	3	36	5	4	6	DF96	1	58	5	6	6
CV2534	50	34	6	5	3	CV3523	6	38	1	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV2706	6	53	6	4	4	CV3798	50	70	3	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV2714	6	40	6	5	3	CV3798	50	70	3	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV2716	6	48	6	3	8	CV3798	50	70	3	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV2721	6	32	8	2	2	CV3798	50	70	3	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV2748	5	36	6	4	3	CV3798	50	70	3	5	3	DA90	2	70	2	6	6	DF97	1	40	5	6	6
						CV4007	6	33	6	2	1	DA90	2	70	2	6	6	DF97	1	40	5	6	6
						CV4010	6	33	6	7	1	DA90	2	70	2	6	6	DF97	1	40	5	6	6
						CV4018	6	32	5	1	1	DA90	2	70	2	6	6	DF97	1	40	5	6	6
						CV4024	12	32	10	2	2	DA90	2	70	2	6	6	DF97	1	40	5	6	6
						CV2901	6	40	2	9	2	DA90	2	70	2	6	6	DF97	1	40	5	6	6
CV1911-DH77						CV2901	6	40	2	9	2	DA90	2	70	2	6	6	DF97	1	40	5	6	6

Normal shorts refer to position of "G" switch.

TUBE TYPE	Heater	A	B	O	Booklet	TUBE TYPE	Heater	A	B	O	Booklet	TUBE TYPE	Heater	A	B	O	Booklet	TUBE TYPE	Heater	A	B	O	Booklet	
DH107	19	39	6	1	1	DL91	1	*55	5	3	6	DY802	1	*99	1	10	7	E91H	6	32	6	1	1	
		64	6	5	1	*Normally shows short position 2-6.												E91N	6	32	5	1	1	
		64	6	6	1	DL92	3	*48	5	3	6							E92CC	6	27	6	6	1	
DH149	6	50	4	3	4	*Normally shows short position 2-6.																		
		68	4	5	4	DL93	3	*36	5	4	6	E55L	6	*25	7	8	10	E99F	6	32	6	1	1	
		68	4	6	4	*Normally shows short position 2-6.																		
DH710	6	43	6	8	2	DL94	3	45	5	6	6							E180F	6	27	3	2	2	
		35	6	2	2	DL95	3	*42	5	3	6	E80CC	12	42	10	2	2	E182CC	6	28	9	7	2	
		35	6	1	2	*Normally shows short position 2-6.													E80CF	6	24	6	2	2
		35	6	6	2	DL96	2	48	5	6	6							E188CC	6	24	6	2	2	
DH719	6	43	6	8	2	DP61	6	33	2	1	1	E80F	6	39	8	9	2	E235L	6	30	4	5	3	
		35	6	2	2	DY30	1	*96	3	10	3	E80L	6	29	1	2	2	E280F	6	22	1	2	2	
		35	6	1	2	*Normally shows short position 5-8-11.						E80T	6	72	6	2	2	EAA91	6	33	6	2	1	
DK32	1	57	6	5	3	DY80	1	*99	1	10	7	E81L	6	26	1	2	2	EABC80	6	33	6	7	1	
		57	5	4	6	*Tube good if it reads 20 or more.						E83F	6	25	6	2	2							
DK91	1	48	6	4	6	*Normally shows short position 6-11.						E88CC	6	28	6	2	2							
DK92	1	48	6	4	6	DY86	1	*95	1	10	7	E90CC	6	32	6	5	1							
DK96	1	54	6	4	6	*Normally shows short position 6-11.						E90F	6	32	6	6	1	EB34	6	48	1	3	3	
DL33	3	45	9	5	3	DY87	1	*95	1	10	7	E91AA	6	33	6	2	1	EB91	6	33	6	2	1	
DL35	1	54	6	5	3	*Normally shows short position 6-11.																		
DL36	1	48	6	5	3																			

Normal shorts refer to position of "C" switch.

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TUBE TYPE	Heater	A	B	O	Booklet	TUBE TYPE	Heater	A	B	O	Booklet	TUBE TYPE	Heater	A	B	O	Booklet							
EBC90	6	39	6	1	1	EC90	6	41	1	6	1	ECC88	6	31	6	2	2	ECF200	6	32	6	3	13	
		64	6	5	1	EC91	6	*29	7	1	1							ECF201	6	38	6	10	13	
		64	6	6	1	*Normally shows short position 2-5.													ECF202	6	40	6	10	13
EBC91	6	40	6	1	1	EC92	6	30	6	6	1													
		67	6	5	1	EC95	6	33	1	2	1													
		67	6	6	1	EC97	6	33	1	2	1													
EBF80	6	37	6	2	2	EC900	6	27	2	1	1													
		64	6	7	2	EC935	6	43	6	1	8													
EBF83	6	31	6	2	2																			
		67	6	2	2																			
		62	6	7	2	ECC81	12	32	10	2	2													
		62	6	8	2	ECC82	12	40	10	7	2													
EBF89	6	33	6	2	2	ECC83	12	42	10	7	2													
		60	6	7	2																			
		60	6	8	2																			
		62	6	7	2	ECC84	6	33	8	2	2													
EC81	6	35	6	1	2	ECC85	6	32	6	2	2													
EC86	6	29	3	6	7																			
EC88	6	*85	7	8	2	ECC86	6	33	6	2	2													
						*Normally shows short position 1-3-7-9.																		
DH107-ECL80																								

Normal shorts refer to position of "C" switch.

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TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater		
	A	B	C		A	B	C		A	B	C		A	B	C
ECL82	6	33	6	EF89	6	34	1	EL81	6	*32	8	EL803	6	*28	1
ECL84	6	39	6	EF91	6	30	6	EL82	6	*32	8	EL802	6	*29	7
ECL85	6	25	6	EF92	6	35	6	EL83	6	30	6	*Normally shows short position 3-9.			
ECL86	6	29	6	EF93	6	33	2	EL84	6	*39	1	EL820	6	*32	8
ECL86	6	29	6	EF94	6	33	6	EL85	6	*39	1	*Normally shows short position 1-6-9.			
ECL86	6	26	6	EF95	6	33	2	EL86	6	*30	1	*Normally shows short position 6-8.			
ECLL800	6	*99	6	EF96	6	31	2	EL87	6	*55	2	*Normally shows short position 1-6-9.			
	6	35	6	EF98	6	30	3	EL88	6	29	6	*Normally shows short position 6-8.			
	6	35	6	EF183	6	30	3	EM-87	6	*55	2	*Normally shows short position 6-8.			
	6	35	6	EF184	6	29	3	EL500	6	*26	1	*Normally shows short position 6-11.			
	6	35	6	EF804	6	39	2	EL503	6	*31	3	*Normally shows short position 6-11.			
	6	33	6	EF-806S	6	40	2	EL505	6	*26	1	*Normally shows short position 6-11.			
	6	33	6	EFL200	6	30	6	*May show short position 3-6-7-8.							
	6	33	6	EH90	6	30	6	*Normally shows short position 1-2-6-8.							
	6	*54	6	EH-900S	6	42	6	*Normally shows short position 2-3-6-7.							
	6	36	6	EK90	6	35	6	*Normally shows short position 3-8.							
	6	44	6	EL34	6	35	6	*Normally shows short position 3-8.							
	6	33	6	EL36	6	*32	4	*Normally shows short position 3-8.							
	6	33	6	EL37	6	37	6	*Normally shows short position 3-8.							
	6	40	6	EL38	6	29	6	*Normally shows short position 3-8.							
Normal shorts refer to position of "G" switch.															

Use TC-80 Adapter

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TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater		
	A	B	C		A	B	C		A	B	C		A	B	C
EY83	6	27	7	GZ32	5	*51	6	HD14	1	55	6	LCF201	5	30	6
EY88	6	27	3	HG3	6	40	6	HF93	12	33	2	LCF801	5	24	3
EY500	6	26	2	HABC80	19	43	6	HF94	12	33	6	LCF-802	6	26	3
EZ35	6	40	6	HBC90	12	39	6	HK90	12	35	6	LCH200	5	34	6
EZ80	6	40	6	HBC91	12	40	6	HL90	19	35	1	LCL180	4	37	6
EZ81	6	34	6	HCC85	17	32	6	HL92	50	35	2	LCL82	11	33	6
EZ90	6	44	6	HCH81	12	32	6	HL94	29	27	5	LCL84	10	25	6
G180/ZM	50	*99	3					HM04	6	35	6	LCL85	10	25	6
	6	34	6					HY90	35	33	7	LL86	10	*30	1
	6	34	6					KT32	25	34	6	LFL184	4	29	3
	6	44	6					KT66	6	54	6	LFL200	11	30	6
	6	44	6					KT88	6	35	6	LL86	10	*30	1
	6	44	6					L63	6	42	6				
	5	*36	6					L77	6	41	1				
	6	36	6					LC900	3	27	2				
	6	36	6					LCF80	6	31	6				
	6	36	6					LCF200	5	32	6				
	6	36	6						5	38	6				

Use TC-62B Adapter

Normal shorts refer to position of "C" switch.

Use TC-62B Adapter.

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TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C											
LL500♦	18	*26	1	2	10			N17	3	*48	5	3	6	OBC3	12	42	6	2	8	PABC80	9	43	6	8	2	
*May show short position 3-6-7-8.								N18	3	*42	5	3	6													
LL505♦	27	*26	1	8	10			N19	3	*45	5	6	6	OF1	6	47	6	10	3							
*Normally shows short position 2-3-6-7.								N152	20	*32	8	2	2	OH4	12	45	6	5	3							
LL521♦	21	*25	1	8	10			N329	16	71	2	9	2	OSW2190	6	33	6	4	3							
*Normally shows short position 2-3-6-7.								N709	6	33	1	2	2	OSW2192	6	32	6	4	3							
LL802	10	*29	7	2	2			NCC189	4	30	6	2	2	OSW2800	6	33	6	4	3							
*Normally shows short position 3-9.								NR67	6	44	6	10	3	OSW2801	6	32	6	4	3							
LN152	6	37	6	9	2	2	2	NR78	6	46	6	5	3	OSW3105	6	42	6	2	8							
LY81	11	30	2	9	2	2	2	NR81	6	52	6	10	3													
LY88*	22	27	7	3	7			NR83	6	50	6	10	3	OSW3106	6	41	6	5	8							
*If no test, use alternate settings.								NR85	6	54	6	5	3	OSW3108	6	37	6	5	3							
LY88	22	27	3	7	7			NR95	25	34	6	5	3													
LY500■	28	26	2	5	8			NU20	5	*51	6	4	3	OSW3112	6	42	6	5	3							
LZ319	9	45	6	5	3																					
M8081	6	34	6	5	1	1	1																			
M8100	6	33	2	1	1	1	1																			
N14	1	54	6	5	3																					

◆Use TC-80 Adapter

Normal shorts refer to position of "C" switch.

■Use TC-62B Adapter.



TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C	TUBE TYPE	A	B	C											
PCF80	9	31	6	2	2	2	2	PCL84	15	25	6	8	2	PL500♦	28	*26	1	2	10							
PCF82	9	33	6	2	2	2	2	PCL85	18	29	6	9	2	PL509♦	30	*26	1	8	10							
PCF86	7	24	3	2	2	2	2	PCL86	14	26	6	8	2	PL508♦	17	28	1	8	10							
PCF200	8	32	6	3	13			PD500♦	9	*54	6	8	10	PL521♦	29	*25	1	8	10							
PCF201	8	30	6	3	13			PF9	6	52	6	10	3													
PCF801	8	24	3	2	2	2	2	PF86	4	35	2	9	2													
PCF802	9	29	6	2	2	2	2	PFL200	16	30	6	2	13													
PCF805	7	33	9	9	2			PH4	6	45	6	5	3													
PCH200	9	34	6	3	13			PL36	25	27	6	5	3													
PCL82	16	33	6	3	2			PL81	19	*32	8	2	2													
LL500—QE05/40	39	6	1	2	2			PL82	16	71	2	9	2													

◆Use TC-80 Adapter

\*Normal Shorts refer to position of "C" Switch.

■Use TC-62-B Adapter

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater		
	A	B	C		A	B	C		A	B	C		A	B	C
QS150/40	50	*99	3 5 3	UABC80	25	43	6 8 2	UABC80	25	43	6 8 2	UABC80	25	43	6 8 2
*Tube good if it reads 60 or more.				UBF80	17	30	6 2 2	UBF80	17	30	6 2 2	UBF80	17	30	6 2 2
*Normally shows short position 11.				U50	5	*51	6 4 3	U50	5	*51	6 4 3	U50	5	*51	6 4 3
*Normally shows grid emission.				*Normally shows short position 8-11.				U52	5	*40	6 4 3	U52	5	*40	6 4 3
				U54	5	*30	6 4 3	U54	5	*30	6 4 3	U54	5	*30	6 4 3
				*Normally shows short position 8-11.				U78	6	44	6 1 1	U78	6	44	6 1 1
				U147	6	40	6 3 3	U147	6	40	6 3 3	U147	6	40	6 3 3
				U149	6	45	6 3 4	U149	6	45	6 3 4	U149	6	45	6 3 4
				U153	17	30	2 9 2	U153	17	30	2 9 2	U153	17	30	2 9 2
				U154	19	29	6 9 2	U154	19	29	6 9 2	U154	19	29	6 9 2
				U192	6	34	6 1 2	U192	6	34	6 1 2	U192	6	34	6 1 2
				U709	6	34	6 1 2	U709	6	34	6 1 2	U709	6	34	6 1 2
				UAA91	19	33	6 2 1	UAA91	19	33	6 2 1	UAA91	19	33	6 2 1
*Normally shows short position 3-9.				U112	6	33	6 4 3	U112	6	33	6 4 3	U112	6	33	6 4 3
				U114	5	*38	6 4 3	U114	5	*38	6 4 3	U114	5	*38	6 4 3
				*Normally shows short position 8-11.				*Normally shows short position 8-11.				*Normally shows short position 8-11.			
				VT94	6	42	6 5 3	VT94	6	42	6 5 3	VT94	6	42	6 5 3
				VT96	6	47	6 4 3	VT96	6	47	6 4 3	VT96	6	47	6 4 3
				VT97	5	*52	6 4 3	VT97	5	*52	6 4 3	VT97	5	*52	6 4 3
				*Normally shows short position 8-11.				*Normally shows short position 8-11.				*Normally shows short position 8-11.			
				VT99	6	45	6 5 3	VT99	6	45	6 5 3	VT99	6	45	6 5 3
				VT102	6	41	6 5 3	VT102	6	41	6 5 3	VT102	6	41	6 5 3
				VT103	6	42	6 2 8	VT103	6	42	6 2 8	VT103	6	42	6 2 8
				VT104	12	42	6 2 8	VT104	12	42	6 2 8	VT104	12	42	6 2 8
				VT105	6	48	6 3 8	VT105	6	48	6 3 8	VT105	6	48	6 3 8
				VT107	6	41	6 5 3	VT107	6	41	6 5 3	VT107	6	41	6 5 3

\*Normal Shorts refer to position of "C" Switch.

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater		
	A	B	C		A	B	C		A	B	C		A	B	C
VR-150	50	*99	3 5 3	VT112	6	33	6 4 3	VT112	6	33	6 4 3	VT112	6	33	6 4 3
*Tube good if it reads 60 or more.				VT114	5	*38	6 4 3	VT114	5	*38	6 4 3	VT114	5	*38	6 4 3
*Normally shows short position 11.				*Normally shows short position 8-11.				*Normally shows short position 8-11.				*Normally shows short position 8-11.			
*Normally shows grid emission.				VT115	6	37	6 5 3	VT115	6	37	6 5 3	VT115	6	37	6 5 3
				VT116	6	35	6 4 3	VT116	6	35	6 4 3	VT116	6	35	6 4 3
				VT117	6	40	6 4 3	VT117	6	40	6 4 3	VT117	6	40	6 4 3
				VT124	1	55	6 5 3	VT124	1	55	6 5 3	VT124	1	55	6 5 3
				VT125	1	54	6 5 3	VT125	1	54	6 5 3	VT125	1	54	6 5 3
				VT126	6	40	6 3 3	VT126	6	40	6 3 3	VT126	6	40	6 3 3
				X/2/	6	30	6 4 3	X/2/	6	30	6 4 3	X/2/	6	30	6 4 3
				X8767A	6	34	6 5 3	X8767A	6	34	6 5 3	X8767A	6	34	6 5 3
				XC95	2	33	1 2 1	XC95	2	33	1 2 1	XC95	2	33	1 2 1
				XC97	2	33	1 2 1	XC97	2	33	1 2 1	XC97	2	33	1 2 1
				XC900	2	27	2 1 1	XC900	2	27	2 1 1	XC900	2	27	2 1 1
				XCC189	4	30	6 2 2	XCC189	4	30	6 2 2	XCC189	4	30	6 2 2
				XC80	4	31	6 2 2	XC80	4	31	6 2 2	XC80	4	31	6 2 2
				XC86	5	24	3 2 2	XC86	5	24	3 2 2	XC86	5	24	3 2 2
				XC801	4	24	3 2 2	XC801	4	24	3 2 2	XC801	4	24	3 2 2
				XCH81	3	85	6 1 2	XCH81	3	85	6 1 2	XCH81	3	85	6 1 2
				XCL82	8	33	6 3 2	XCL82	8	33	6 3 2	XCL82	8	33	6 3 2
				XCL84	8	25	6 8 2	XCL84	8	25	6 8 2	XCL84	8	25	6 8 2
				XCL85	18	29	6 9 2	XCL85	18	29	6 9 2	XCL85	18	29	6 9 2
				XF80	3	33	1 2 2	XF80	3	33	1 2 2	XF80	3	33	1 2 2

Normal shorts refer to position of "C" switch.

QS150/40--XF80

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater																						
	A	B	O		A	B	O		A	B	O		A	B	O																				
XF85	3	33	1	2	2	2	2	XD	12	41	6	4	4	4	4	YF183	4	30	3	2	2	2	2	ZD17	1	35	5	3	6	6	6				
XF183	3	30	3	2	2	2	2	XXD	6	41	6	4	4	4	4	YF184	4	29	3	2	2	2	2	*Normally shows short position 2-6.											
XF184	3	29	3	2	2	2	2	XXFM	6	43	6	4	4	4	4	YL1371	12	*40	1	5	3	3	3	ZD25	1	58	6	6	6	6	6				
XL36	12	*25	9	5	3	3	3	*Normally shows short position 1-4.							ZD151	6	37	6	2	2	2	2	6	6	6	6									
XL84	8	33	1	2	2	2	2	XXL	6	41	6	4	4	4	4	Z14	2	53	6	10	3	3	3	ZD152	6	64	6	7	2	2	2	6	6	6	6
XL86	8	*30	1	2	2	2	2	XY88*	16	30	7	7	7	7	7	Z63	6	50	6	10	3	3	3	Z719	6	33	1	2	2	2	2	6	6	6	6
*Normally shows short position 7-8.								*If no test, use alternate settings.																											
XL500	13	*26	1	2	10	10	10	XY88	16	30	3	7	7	7	7	Z729	6	40	2	9	2	2	2	64	6	6	6	6	6	6	6	6	6	6	6
*May show short position 3-6-7-8.																																			

**XF85-ZD152**

◆Use TC-80 Adapter