



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	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
OA3	50	*65	3	5	3	OA3A	50	*99	3	5	3	1A2	1	*99
*Normally shows short position 11. *Normally shows grid emission.														
OA3A	50	*65	3	5	3	IA3	2	*70	2	6	6	IA2	1	*99
*Normally shows short position 11. *Normally shows grid emission.														
OB3	50	*62	3	5	3	IA6	1	54	6	4	6	IB3	1	*98
*Normally shows short position 11. *Normally shows grid emission.														
OC3	50	*75	3	5	3	IA4	1	58	5	6	6	IB7	1	55
*Normally shows short position 11. *Normally shows grid emission.														
OC3A	50	*75	3	5	3	IA5	1	50	5	6	6	IB8	1	*99
*Normally shows short position 11. *Normally shows grid emission.														
OD3	50	*99	3	5	3	IA7	2	54	6	5	3	IB9	1	95
*Tube good if it reads 60 or more. *Normally shows short position 11. *Normally shows grid emission														
▲Use TC-70 Adapter.														

Normal shorts refer to position of "C" switch.

ELECTRONIC

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
1F1	1	58	5	6	6	1H5	1	55	6	10	3	1D5	2	53
1F2	1	55	5	6	6	1H6	2	54	6	6	3	1E3	1	55
1F3	1	55	5	6	6	1J3	1	*99	9	10	3	1G5	2	50
1F5	2	48	6	5	3	1J6	2	53	6	4	3	1H4	2	52
1F7	2	54	6	10	3	1K3	1	*99	6	3	6	1I5	2	54
1FD1	1	58	6	6	6	1L4	1	58	6	6	6	1N5	2	50
1FD9	1	56	6	6	6	1L6	2	53	6	4	3	1N2A	1	*95
1B3	1	*97	6	10	3	1M6	1	56	6	6	6	1P5	2	53
*Ignore all shorts except on position 10.														
1B6	1	55	6	4	3	1N1	2	53	6	4	3	1P10	3	*48
1H2	1	*97	1	10	7	1L4	2	52	5	6	6	1P11	3	45
*Tube good if it reads 40 or more. *Normally shows short position 6-11.														
▲Use TC-70 Adapter.														

Normal shorts refer to position of "C" switch.

OA3-2B3

▲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	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	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	35	6	1	1	4	34	6	9	2	4CY5	4	35	2	1	1
3HF5	3	*25	10	5	3	*42	5	3	6	4	*33	2	7	1	4DE6	4	30	6	1	1
*Normally shows short position 1-3-4-6-8-10.																				
3HK5	3	27	2	1	1	3	45	5	6	4	33	6	2	2	4DK6	4	33	6	1	1
3HM5	3	27	2	1	1	3	45	5	6	4	32	6	2	2	4DL4	4	*85	7	8	2
3HM6	3	24	3	2	2	4	37	6	9	4	99	6	5	1	*Normally shows short position 1-3-7-9.					
3HQ5	3	29	2	1	1	4	44	6	2	2	4	32	6	2	4DT6	4	33	6	1	1
3HS8	3	30	6	7	2	4	33	6	7	2	4	32	6	2	4EH7	4	30	3	2	2
3HT6	3	28	3	2	2	4	31	6	7	2	4	32	6	2	4EJ7	4	29	3	2	2
3IC6	3	26	3	2	2	4	40	6	1	1	4	32	6	7	4ER5	4	33	1	2	1
3IC6A	3	26	3	2	2	4	78	6	5	1	4	33	6	2	4ES8	4	30	6	2	2
3ID6	3	26	1	2	2	4	33	6	1	1	4	33	6	2	4EW6	4	29	6	1	1
3KF8	3	38	6	7	2	4	33	2	1	1	4	30	6	2	4GJ7	4	24	3	2	2
3KT6	3	25	1	2	2	4	35	2	1	1	4	30	6	7	4GK5	4	25	1	2	1
3L35	3	*36	5	4	6	4	33	6	2	2	4	33	6	1	4GM6	4	30	6	1	1
*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	4	26	3	2	2	4	27	6	2	2	5AT8	5	33	6	9	2
4GX6	4	25	6	1	4	26	3	2	2	4	27	6	7	2	5AU4	5	*43	6	4	3
4GX7	4	26	3	2	4	26	1	2	2	4	86	6	1	2	*Normally shows short position 8-11.					
4GZ5	4	26	3	9	4	25	6	1	1	4	90	6	6	2	5AV8	5	32	6	6	2
4HA5	4	27	2	5	4	26	6	1	1	4	*33	2	6	1	5AW4	5	*42	6	4	3
4HA7	4	35	5	9	4	26	6	2	2	4	31	6	6	9	*Normally shows short position 8-11.					
4HC7	4	*40	5	9	4	26	6	9	2	4	35	6	3	9	5AZ4	5	*53	6	4	4
*Normally shows short position 7-10.																				
4HG8	4	24	3	2	2	4	26	6	2	2	4	30	6	8	2	4	5	3	6	4
4HM5	4	27	2	1	1	4	*95	3	2	2	4	32	6	8	2	4	5	3	6	6
4HM6	4	27	2	1	1	4	*93	3	7	2	4	35	1	7	1	5	5	*32	6	6
4HM6	4	24	3	2	2	4	90	6	6	2	4	30	6	6	2	4	5	*30	6	6
4HQ5	4	29	2	1	1	4	25	1	2	2	4	32	6	8	2	4	5	5	3	6
4HR8	4	35	2	9	2	4	*40	5	9	9	4	35	6	4	2	4	5	5	3	6
4HS8	4	30	6	7	2	4	30	6	1	1	4	38	6	4	3	4	5	5	3	6
4HT6	4	28	3	2	2	4	34	6	7	2	4	38	6	6	3	4	5	5	3	6
4M-P12	4	34	6	1	1	4	34	6	1	1	4	31	6	2	2	4	5	5	3	6
4M-P26	4	40	6	1	1	4	40	6	1	1	4	32	6	6	2	4	5	5	3	6
*Normally shows short position 8-11.																				
5A8	5	31	6	2	2	5	31	6	2	2	5	31	6	1	9	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	33	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	31	6	2	2	5	38	6	4	3	5	38	6	4	3	5	5	5	4	5
5A8	5	32	6	2	2	5	38	6	4	3	5	38	6	4						

TUBE TYPE	Heater			Sockets			TUBE TYPE	Heater			Sockets							
	A	B	O	A	B	O		A	B	O	A	B	O					
5BK7	5	32	6	2	2	2	5E8	5	30	6	2	2	5A7	5	35	5	9	9
5BQ5	5	33	1	2	2	2	5E8	5	30	6	7	2	5B7	5	35	5	1	9
5BQ7	5	32	6	2	2	2	5E8	5	32	6	7	2	5B7	5	27	1	2	2
5BR8	5	32	6	7	2	2	5E6	5	29	6	2	1	5C7	5	35	5	9	9
5BS8	5	32	6	9	2	2	5F7	5	27	3	9	2	5C7	5	35	5	1	9
5BT8	5	31	6	1	2	2	5F8	5	27	3	1	2	*Normally shows short position 7-10.					
5BW8	5	32	6	2	2	2	5F8	5	30	6	9	2	5H8	5	24	3	2	2
5BZ7	5	32	6	8	2	2	5G8	5	31	6	1	2	5H6	5	25	1	6	2
5CG8	5	32	6	2	2	2	5G8	5	31	6	2	2	5J6	5	26	6	1	1
5CL8	5	32	6	9	2	2	5G8	5	26	3	9	2	5K8	5	26	6	2	2
5CM6	5	32	6	1	2	2	5G6	5	30	6	1	1	5K8	5	26	6	9	2

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



TUBE TYPE	Heater			Sockets			TUBE TYPE	Heater			Sockets							
	A	B	O	A	B	O		A	B	O	A	B	O					
5LJ8	5	95	3	2	2	2	5U9	5	30	6	3	13	5Y3	5	51	6	4	3
*For grid emission turn C switch to position 1.							5V3	5	38	6	4	3	*Normally shows short position 8-11.					
**For grid emission turn C switch to position 9.							5V4	5	35	6	4	3	5Y4	5	52	6	3	8
5MB8	5	27	6	9	2	2	5V6	5	41	6	5	3	5Z4	5	36	6	4	3
5MF8	5	35	7	7	9	9	5V9	5	34	6	3	13	5Z10	5	40	6	4	3
5MH3	5	27	6	5	1	1	5W4	5	52	6	4	3	*Normally shows short position 8-11.					
5MK9	5	45	7	5	1	1	5X4	5	47	6	3	8	6A8	6	45	1	5	3
5N1039A	6	33	2	1	1	1	5X8	5	30	6	7	2	6A8	6	30	6	6	1
5MQ8	5	30	6	2	2	2	5X9	5	32	6	3	13	6A7	6	35	1	4	3
5R4	5	45	6	4	3	3	*Normally shows short position 8-11.					6A8	6	37	6	9	2	
*Normally shows short position 8-11.							5U8	5	33	6	2	2	6AC5	6	44	6	2	2
5BK7-6AC9							5U8	5	33	6	2	2	6AC7	6	40	6	5	3
							5U8	5	33	6	9	2	6AC9	6	28	3	9	9
							5U8	5	33	6	2	2	6AC9	6	47	3	2	9
							5U8	5	33	6	9	2	6AC9	6	35	2	3	9

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heats	A	B	O	Socket	TUBE TYPE	Heats	A	B	O	Socket	TUBE TYPE	Heats	A	B	O	Socket	TUBE TYPE	Heats	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			28	6	5	9			35	6	2	2	6AN4	6	30	6	8	2
6AD10	6	30	6	9	9	6AH4	6	34	6	10	9	6AK9	6	35	6	6	2	*Normally shows short position 1-7.					
6AF3	6	54	6	5	3	6AH6	6	34	6	3	9			35	6	6	2	6AN5	6	33	2	1	1
6AF4	6	62	6	1	3	6AH7	6	33	6	1	3	6AK10	6	30	7	10	9	6AN6	6	55	6	2	6
6AF9	6	30	6	3	9	6AH9	6	48	6	1	8			30	7	8	9			55	6	3	6
6AF11	6	30	6	2	9	6AJ5	6	48	6	5	8	6AL3*	6	30	6	1	9	6AO4	6	32	6	2	2
6AG5	6	30	8	1	13	6AJ7	6	36	2	1	1	*if no test, use alternate settings.											
6AG7	6	30	2	8	13	6AJ8	6	33	6	4	3	6AL3	6	27	3	7	7	*Normally shows short position 2-5.					
6AG9	6	31	6	1	9	6AJ9	6	85	6	1	2	6AL5	6	33	6	2	1	6AO5	6	35	1	7	1
		31	6	6	9			38	6	9	2	6AL9	6	33	6	7	1	6AO6	6	40	6	1	1
		35	6	6	3	6AK5	6	29	6	3	13	6AL9	6	30	6	5	9			82	6	5	1
		31	2	1	1	6AK6	6	33	6	10	13	6AL11	6	28	6	1	9	6AO7	6	45	6	6	1
		32	1	4	3	6AK7	6	43	6	1	1	6AM5	6	27	6	8	9			65	6	1	8
		30	6	5	9			32	6	6	4	6AM6	6	34	6	1	1	6AO8	6	32	6	2	2
		28	6	1	9			6	6	6	3			6	30	6	1			32	6	2	2

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heats	A	B	O	Socket	TUBE TYPE	Heats	A	B	O	Socket	TUBE TYPE	Heats	A	B	O	Socket						
6AS5	6	47	6	1	1	6AU6	6	33	6	1	2	6AX7	6	42	10	2	2	6B10	6	43	6	3	9
6AS6	6	30	6	5	9	6AU7	6	40	10	7	2	6AX8	6	42	10	7	2	6B10	6	43	6	5	9
6AS7	6	28	6	10	9	6AU8	6	31	6	2	2	6AX3	6	33	6	2	2	6B32	6	33	6	8	9
6AS8	6	28	6	10	9			31	6	9	2	6AY3	6	33	6	2	10	6BA3	6	34	6	10	9
6AS11	6	36	2	5	1	6AV5	6	32	6	2	2	6AY3B	6	30	8	2	10	6BA6	6	33	6	2	1
		35	6	1	1	6AV6	6	33	6	1	3	6AY11	6	30	6	5	9	6BA7	6	33	6	7	1
		35	6	4	8			40	6	1	1			30	6	8	9	6BA8	6	33	6	2	1
		35	6	4	8	6AV11	6	78	6	5	1	6AZ8	6	30	6	3	9	6BA8	6	37	6	7	1
		31	6	2	2			78	6	6	1	6B4	6	36	6	9	2	6BA8	6	37	6	2	2
		32	6	2	2			35	6	1	9	6B6	6	35	6	5	3	6BA11	6	29	6	4	9
6AS11	6	27	6	1	9	6AW8	6	35	6	7	9	6AX2	6	37	6	10	3	6B14	6	33	2	1	10
6AT6	6	34	6	3	9	6AX2	6	33	6	2	2			58	6	4	3	*Normally shows short position 3-6-7-8.					
		34	6	6	1			33	6	1	7	6B8	6	58	6	5	3	6BC4	6	28	3	7	7
		39	6	6	1			*99	6	1	10			75	6	6	5	6BC5	6	35	2	1	1
6AT8	6	72	6	6	1									53	6	5	3	*Tube good if it reads 20 or more.					
6AU4	6	33	6	9	2													*Normally shows short position 6-11.					
6AU5	6	35	6	1	5	6AX3	6	34	4	10	9							*Normally shows short position 1-7.					
		33	1	5	8	6AX4	6	35	6	5	8												
		40	6	1	3	6AX5	6	53	6	3	3												

Normal shorts refer to position of "C" switch.

6AC10-6BC5

Use TC-80 Adapter

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O											
6CJ3	6	25	8	2	10	6CM8	6	33	6	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	6CW4	6	33	7	8	2	5	6DA4	6	32	6	6	7	9	
*Normally shows short position 1-6-9.																									
6CK3	6	25	8	2	10	6CN7	6	44	10	7	2	6	*87	6	2	5	6DA6	6	33	6	6	5	8	8	
6CK4	6	34	1	3	3	6CQ4	6	33	10	2	2	6	33	10	4	1	2	6DB5	6	*38	3	6	2	2	
6CK6	6	30	6	2	2	6CQ6	6	32	6	5	8	6CW5	6	*30	1	2	2	6DB6	6	Normally shows short position 2-7.	6	33	6	1	1
6CL3	6	27	2	7	10	6CQ8	6	35	6	1	1	6CW7	6	33	8	2	2	6DC6	6	32	6	1	1	1	
6CL5	6	*35	4	5	3	6CR6	6	33	6	2	2	6CX8	6	33	8	6	2	6DE4	6	34	6	5	8	8	
*Normally shows short position 1-3-6-8.																									
6CL6	6	*32	2	9	2	6CR8	6	39	6	7	1	6CY5	6	33	6	7	2	6DE6	6	30	6	1	1	1	
6CL8	6	32	6	9	2	6CS6	6	34	6	3	2	6CY7	6	35	2	1	1	6DE7	6	33	2	3	2	2	
*Normally shows short position 3-8.																									
6CM3	6	30	2	7	10	6CS7	6	47	6	7	2	6D4	6	43	6	1	1	6DG6	6	32	6	5	3	3	
6CM4	6	29	3	6	7	6CT3	6	32	2	6	2	6D8	6	45	6	5	3	6DJ8	6	31	6	6	2	2	
6CM5	6	*32	4	5	3	6CU5	6	*33	2	6	1	*It may show short pin 1-11.													
6CM6	6	40	3	6	2	6CU6	6	35	6	5	3	Normal shorts refer to position of "C" switch.													
6CM7	6	40	6	7	2																				

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											
6DL3	6	27	2	7	10	6DR8	6	31	6	2	6DY4	6	*33	2	6	1	6EB5	6	52	6	6	2	1		
6DL4	6	*85	7	8	2	6DS4	6	72	6	8	2	6DY5	6	71	2	9	2	6EB8	6	33	6	7	2	1	
*Normally shows short position 1-3-7-9.																									
6DL5	6	34	1	7	1	6DT3	6	*87	6	2	5	6DZ4	6	*31	7	2	1	6EC4	6	34	6	2	2	2	
6DM4	6	30	6	5	8	6DT4	6	33	1	7	1	6DZ7	6	40	6	1	3	6ED4	6	*54	6	6	8	10	
6DN3	6	31	2	7	10	6DT5	6	30	6	2	2	6EA4*	6	85	7	4	9	*Normally shows short position 2-3-6-7-9.							
6DN6	6	33	6	5	3	6DT6	6	34	6	9	2	*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.													
6DN7	6	36	6	1	8	6DT8	6	*69	1	7	1	*Normally shows short position 1-7.													
6DQ4	6	32	6	5	8	6DW4	6	27	6	5	8	*Normally shows short position 1-2.													
6DQ5	6	*35	5	1	3	6DW5	6	38	3	6	2	*Normally shows short position 1-2.													
*Normally shows short position 3-4-6-8.																									
6DR4	6	51	1	6	1	6DW6	6	29	8	2	10	6EA5	6	33	2	1	1	6EH5	6	30	2	5	1	1	
6DR7	6	32	2	3	2	6DX4	6	*69	1	7	1	6EA7	6	35	6	1	8	6EH7	6	30	3	2	2	2	
*Normally shows short position 2-6.																									
6DX8	6	25	6	8	2	6DX8	6	25	6	8	2	6EA8	6	30	6	2	2	6EH8	6	31	1	7	2	2	
*Normally shows short position 1-11.																									
*Use TC-80 Adapter.																									
*Use TC-62B 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	6EV5	6	33	2	1	80	6	3	2	6	36	6	2
6EM7	6	32	6	1	6EV7	6	34	6	2	6	29	8	2	6	36	6	2
		45	6	4			34	6	7	6	29	8	2	6	36	6	2
6EN4	6	*50	7	5	6EW6	6	29	6	1	6	29	6	6	6	35	2	7
		*Normally shows short position 1-3-4-8.			6EW7	6	31	2	3	6	24	2	3	6	27	2	1
		*Tube good if it reads 40 or more.			6EX6	6	45	2	5	6	38	2	7	6	33	6	1
6EQ7	6	34	6	2	6EY6	6	33	6	5	6	33	6	5	6	30	6	9
		45	6	2			35	6	5	6	31	2	1	6	31	6	1
6ER5	6	71	6	8	6EZ5	6	34	6	5	6	27	3	9	6	28	6	1
6ES5	6	33	1	2	6EZ8	6	33	6	2	6	27	3	1	6	32	6	2
6ES8	6	30	6	2			33	6	7	6	33	1	2	6	32	6	7
		30	6	7	6F5	6	40	1	10	6	32	6	2	6	33	1	2
6ET6	6	30	6	1	6F6	6	54	1	5	6	36	6	3	6	43	9	10
6E7	6	30	6	2	6F8	6	45	6	5	6	44	6	10	6	45	6	5
		82	6	2	6F10	6	45	6	10	6	25	3	8	6	36	6	3
		82	6	3	6F31	6	33	6	4	6	36	3	10	6	30	6	8
6EU7O	6	52	3	2	6F33	6	35	6	1	6	60	6	8	6	27	6	5
		52	3	8	6F36	6	32	6	1	6	34	6	2	6	26	1	2
		Must use special 6EU7 adapter.					34	6	2	6	34	6	2	6	*May show short position 3-6-7-8.		

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

Use TC-80 Adapter \circ Use TC1 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	6	25	2	6
6G-B7	6	30	3	5	6GJ5	6	31	6	9	6	35	6	2	6	30	6	5
6GC5	6	*33	3	6	6GJ7	6	*32	7	2	6	31	3	2	6	26	6	8
		*Normally shows short position 1-8.			6GJ8	6	34	6	2	6	*35	7	2	6	30	6	1
6GC6	6	33	4	5	6GK5A	6	*32	7	2	6	31	3	8	6	25	6	1
6GD7	6	26	3	1			*Normally shows short position 1-7.			6GX6	6	25	6	1	1	1	1
6GE5	6	24	3	9	6GK5	6	25	1	2	6	30	9	9	6	26	3	2
		*27	3	1	6GK6	6	33	3	2	6	30	9	1	6	26	3	9
6GE8	6	33	6	8	6GK7	6	26	3	9	6	33	6	7	6	*25	5	9
		*Normally shows short position 4-10.			6GL17	6	35	6	5	6	*35	7	2	6	*Normally shows short position 1-3-4-7-10.		
6GF5	6	*27	3	1	6GL7	6	27	4	1	6	31	6	2	6	6	6	2
		28	6	2	6GM5	6	41	6	4	6	31	6	2	6	*Normally shows short position 11.		
6GF7	6	43	6	9	6GM6	6	26	6	6	6	*26	10	5	6	28	2	5
		43	6	9	6GM8	6	30	6	6	6	*Normally shows short position 1-3-4-7-10.			6	48	1	3
6GF7A	6	28	6	2	6GN7	6	33	6	7	6	33	9	9	6	48	1	5
		43	6	9			33	6	7	6	30	9	7	6	35	6	1
6GH8	6	31	6	2			*24	7	2	6	29	6	9	6	27	2	1
		31	6	9			*Normally shows short position 3-9.			6HA5	6	27	2	6	27	3	2
		*Normally shows short position 3-9.			6GV8	6	29	6	2	6	29	6	2	6	*Normally shows short position 6-8.		

Normal shorts refer to position of "C" switch.

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			
	A	B	O		A	B	O		A	B	O		A	B	O	
6HB5	6	*25	1 3 9	6HF8	6	24	6 7 2	6HR6	6	24	6 1 1	6J15	6	42	1 5 3	
*Normally shows short position 4-10.				6HG5	6	25	6 2 2	6HS5	6	*26	2 1 9	6J16	6	34	6 5 1	
6HB6	6	*25	3 2 2	6HG8	6	38	1 7 1	*Normally shows short position 3-10.	6HS6	6	26	6 1 1	6J17	6	50	6 6 1
*Normally shows short position 6-8.				6HJ5	6	24	3 1 6	6HS8	6	30	6 7 2	6J19	6	26	6 2 2	
6HB7	6	27	1 2 2	*Normally shows short position 4-5-9-10.	6	*26	3 1 9	6HT5	6	*56	2 6 9		6	26	6 9 2	
6HC8	6	36	6 3 2	6HJ7	6	*82	1 7 2	6HT6	6	28	3 2 2	6J10	6	39	6 6 6	
6HD5	6	*27	3 1 9	*For grid emission turn C switch to position 2.	6	30	1 9 2	6HU6	6	*55	2 1 2	6J11	6	28	6 1 9	
*Normally shows short position 4-5-9-10.				6HJ8	6	29	6 2 2	*Normally shows short position 6-8.	6HU8	6	29	6 2 2		6	26	6 1 9
6HE7	6	30	1 2 2	6HK5	6	27	2 1 1	6HV5	6	*32	2 1 9	6JA8	6	25	6 7 2	
*Normally shows short position 1-3-4-10.				6HL5	6	30	2 7 2	*Must show short position 3-10.	6HW8	6	32	6 6 2	6JB5	6	*35	10 2 9
6HE5	6	*32	10 2 9	6HL8	6	32	9 2 2	*May show short position 5-6-8-9.	6HZ5	6	*30	2 1 9	6JB6	6	*29	7 2 10
6HE7	6	25	11 9 9	6HM5	6	27	2 1 1	*Must show short position 3-10.	6HZ6	6	26	6 1 1	6JB6A	6	*29	7 2 10
6HF5	6	*25	10 5 9	6HM6	6	24	3 2 2	*May show short position 5-6-8-9.	6HZ8	6	25	6 7 2		6		
*Normally shows short position 1-3-4-5-10.				6HQ5	6	29	2 1 1									
				6HR5	6	30	8 1 1									

Normal shorts refer to position of "C" switch.

ELECTRONIC

TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			TUBE TYPE	Heater			
	A	B	O		A	B	O		A	B	O		A	B	O	
6JC5	6	*35	10 2 9	6JF6	6	*26	2 6 10	6JN8	6	26	6 9 2	6JU8	6	*42	2 1 2	
*Normally shows short position 1-3-4-10				6JG5	6	32	6 7 2	6JG6	6	*32	8 8 2	*Normally shows short position 8.	*Normally shows short position 2.	*Normally shows short position 1-7.		
6JC6	6	26	3 2 2	6JG6A	6	28	1 2 10	*Normally shows short position 2-3.	6JH5	6	*30	2 1 9	6JU8A	6	*42	2 1 2
6JC6A	6	26	3 2 2	6JH5	6	*30	2 1 9	*Normally shows short position 2-3-7-8-10.	6JH6	6	25	6 1 1	*Normally shows short position 8			
6JC8	6	27	1 2 2	*Normally shows short position 3-7-8-10.	6	32	6 6 2	6JH8	6	32	6 6 2	**Normally shows short position 2				
6JD5	6	*30	2 1 9	6JH8	6	30	2 1 9	6JH8	6	29	6 2 2					
*Must show short position 3-10				6JK5	6	*30	2 1 9	*Normally shows short position 1-3-4-10.	6JTB	6	34	1 2 10				
*May show short position 5-6-8-9				*Normally shows short position 3-7-8-10.	6	26	6 1 1	6JT6A	6	34	1 2 10					
6JD6	6	26	1 2 2	6JK6	6	26	6 2 2	6JTB	6	34	1 2 10					
6JE6	6	*29	7 2 10	6JK8	6	30	6 2 2	6JTB	6	34	1 2 10					
*Normally shows short position 1-7.				6JL6	6	26	6 1 1	6JTB	6	34	1 2 10					
6JE8	6	*29	7 2 10	6JL8	6	35	6 2 2	6JTB	6	34	1 2 10					
*Normally shows short position 1-7.				6JM6	6	26	4 5 9	6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10	6JN6	6	27	4 1 9	6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	25	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEB	6	26	6 2 2					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10					
6JEC	6	*29	7 2 10					6JTB	6	34	1 2 10					
*Normally shows short position 1-7.								6JTB	6	34	1 2 10	</				

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	34	6	2	2	6KW6	6	34	6	2	2	6LB8	6	39	6	2	2	
		33	6	2	2		6	28	1	8	10	6KY6	6	27	3	2	2	6LC6Δ	6	87	6	5	3	
6KD6	6	*25	10	5	9	6KN8	6	86	6	1	2	6KY8	6	30	6	2	10	6LC8	6	25	3	6	2	
*Normally shows short position 1-3-4-10.						6KR8	6	24	6	7	2		6KY8A	6	40	6	9	10		6	*29	7	2	2
6KD8	6	30	6	2	2	6KR8A	6	26	6	7	2	6KZ8	6	30	6	2	10	6LD6	6	43	6	8	2	
		28	6	9	2	6KS6	6	99	6	5	1	6L5	6	26	6	2	2	*Normally shows short position 3-9.	6	35	6	2	2	
6KE8	6	26	6	2	2	6KS8	6	*27	6	7	2	6L6	6	37	1	5	3	6LD12	6	35	6	2	2	
		26	6	9	2	*It may show short position 1-6.	6	*31	6	2	2	6L7	6	44	1	10	3			6	29	6	9	2
6KF8	6	38	6	7	2	6KT6	6	25	1	2	2	6L10	6	32	6	4	3	6LF6	6	*31	5	9	9	
		38	6	7	2	6KT8	6	28	6	7	2	6L12	6	32	6	2	2	*May show short position 1-3-4-7-10.	6	42	6	2	2	
6KG6	6	*26	1	8	10		6	28	6	2	2	6L41	6	32	6	7	2	6LF8	6	42	6	2	2	
*Normally shows short position 2-3-6-7.														33	9	9	2			30	6	7	2	
6KL8	6	30	6	2	2									33	9	9	2			30	6	7	2	
		77	6	8	2																			

Δ Use TC-75 Adapter. ♦ Use TC-80 Adapter. Normal shorts refer to position of "C" switch. 19

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	2	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	5	9			33	8	10	9	
6LH6Δ	6	87	6	5	3	6LR8	6	29	6	2	10	6MB8	6	27	6	8	2	6M-P17	6	32	8	1	1	
6LJ6	6	*58	1	5	3	6LT8	6	26	8	9	2	6MD8	6	30	6	1	2	6M-P18	6	35	7	1	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	6	1	8	6MF8	6	30	6	6	10	6M-Q8	6	30	6	2	2	
**93						6LU8	6	28	7	1	9	6MG8	6	35	6	8	10			30	6	6	2	
*For grid emission turn "C" switch to position 1.						6LV6	6	31	7	10	9	6MH3	6	30	6	6	2	6MU8	6	31	6	2	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	7	2	
6LM8	6	28	6	2	2	6LX6	6	*37	10	5	9	6M8	6	33	6	2	2	6MY8	6	28	7	7	9	
		26	6	9	2	*Normally shows short position 1-3-4-7-10-11	6	29	6	6	2	6M8	6	27	6	6	5	1	6N3	6	31	7	10	9
6LN8	6	31	6	2	2	6LY8	6	26	6	7	2	6M8	6	27	6	6	1	6N7	6	29	6	9	2	
		34	6	9	2							6M8	6	35	8	8	1	6N8	6	47	1	4	3	
6LQ6	6	*29	7	2	10							6M8	6	35	8	8	9	6N8	6	47	1	5	3	
*Normally shows short position 1-7.												6M8	6	35	8	10	9			37	6	2	2	
6LQ8	6	26	6	7	2							6M8	6	34	6	7	2			64	6	6	8	
		26	6	2	2							6M-L4	6	*33	2	6	1			64	6	6	2	
		26	6	2	2															6	40	6	4	
																				6	48	6	5	

6K7-6P5
Δ Use TC-75 Adapter. Normal shorts refer to position of "C" switch. 20

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	
6Q7	6	40	1	10	6R-K19	6	90	6	6	6SF7	6	46	1	2	
		63	1	4		6	30	2	9		6	69	1	5	
		63	1	5	6R-P15	6	38	2	1	6SG7	6	34	5	4	
6Q11	6	35	6	1	6R-P22	6	35	2	9	6SH7	6	33	5	4	
		35	6	9		6	35	1	4	6SJ7	6	35	1	4	
		30	2	9	*Normally shows short position 3-8.										
6R3	6	30	2	9	6S2	6	95	1	10	6SL7	6	43	6	1	
6R4	6	35	6	1	*Normally shows short position 6-11.										
6R7	6	52	1	10	6S4	6	37	3	6	6SN7	6	44	6	1	
		63	1	4	6S7	6	47	1	10		6	44	6	4	
		63	1	5	6S8	6	45	5	10	6SQ7	6	42	1	2	
6R8	6	49	6	8		6	62	5	1		6	82	1	4	
		37	6	2		6	62	5	4		6	82	1	5	
		37	6	1		6	63	2	3	6SR7	6	46	1	2	
		37	6	2		6	37	1	5		6	68	1	4	
6R-A6	6	35	6	7	6SA7	6	34	1	5	6SS7	6	46	1	4	
6R-A9	6	32	8	2	6SB7Y	6	48	1	3		6	33	6	3	
		32	8	2	6SC7	6	48	1	3	6T10	6	33	6	3	
6R-B11	6	27	6	2	6SD7	6	35	6	4		6	27	6	8	
6R-HH2	6	27	6	7		6	35	6	4		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	5
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
		30	6	3		6	44	6	6	6Z6	6	48	6	3
6U9	6	30	6	3	6X5	6	40	1	3	6Z7	6	48	6	6
		40	6	10		6	40	1	5	6Z8	6	45	6	6
		39	6	7	6X6	6	48	6	3	6Z9	6	50	4	3
6U10	6	25	6	9	6X8	6	48	6	5	6ZAD7	6	35	6	6
		39	6	1		6	30	6	7	6ZAF7	6	41	6	4
		31	6	7		6	30	6	7		6	41	6	4
6V3	6	31	6	7	6X9	6	32	6	2	6ZAG7	6	41	6	5
		40	6	1		6	32	6	3	6ZAH7	6	32	6	6
		40	6	7	6Y6	6	38	6	10	6ZAK7	6	33	6	6
6V4	6	40	6	1	6Y9	6	36	6	5	6ZAN7	6	33	8	2
		41	1	5		6	30	6	1		6	33	8	2
6V6	6	41	1	5		6	30	6	1		6	33	8	2
6V8	6	40	6	6	6Y10	6	30	6	8	6ZAU7	6	33	8	2
		40	6	2		6	29	4	3		6	33	8	2
		32	6	2	6Z10	6	29	4	8	6ZB5	6	40	6	6
		32	6	7		6	29	4	8		6	40	10	7
		61	6	9		6	30	6	1	6ZB6	6	40	6	6
6V9	6	34	6	3	6Z31	6	95	6	6		6	40	6	6
		32	6	8		6	44	6	1		6	52	6	6
		32	6	8		6	44	6	6		6	52	6	6

6P15-7E58

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
7EY6	7	35	6	5	3	7L7	6	36	6	4	8B10	8	43	6
7F7	6	45	6	4	4	7MP18	7	35	1	7	8AC9	8	28	3
7FC7	7	29	6	2	2	7N7	6	42	6	5	8AC10	8	30	6
7G7	6	36	6	6	4	7Q7	6	35	6	4	8AL9	8	30	6
7GS7	7	30	9	9	2	7R7	6	72	6	3	8BA11	8	29	6
7GV7	7	33	9	9	2	7S7	6	38	6	6	8BH8	8	34	6
7H7	6	35	6	6	4	7T7	6	32	6	4	8BM11	8	29	6
7HG8	7	24	3	2	2	7W7	6	31	4	6	8BN8	8	35	6
7J7	6	35	6	6	4	7X6	6	35	6	3	8BN11	8	25	6
7K7	6	45	6	4	4	7X7	6	43	6	3	8BQ5	8	33	6
7KY6	7	27	3	2	2	7Y4	6	45	6	3	8BQ7	8	32	6
7KZ6	7	26	3	2	2	7Z4	6	50	6	3	8BQ11	8	26	6
						8A8	9	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
8BU11	8	28	6	8	9	8CU8	8	32	1	7	8J8A	8	*42	2
8CB11	8	28	6	6	9	8CX8	8	33	6	7				
8CG7	8	45	6	2	2	8CY5	8	35	2	1				
8CH8	8	33	6	7	2	8CY7	8	31	2	3				
8CL8	8	32	6	9	2	8DE7	8	44	2	7				
8CM7	8	40	6	7	2	8DX8	8	25	6	8				
8CN7	8	44	10	7	2	8EB8	8	33	6	1				
8CS7	8	47	6	7	2	8EM5	8	36	3	6				
8CW5	8	*30	1	2	2	8ET7	8	30	6	7				
						8F07	8	36	6	2				
						8GJ7	8	24	3	2				
						8GM6	8	30	6	1				
						8H8	8	29	6	9				
						8I8	8	35	6	2				
						8J8	8	82	6	2				
						8K8	8	25	6	2				
						8L8	8	25	2	7				
						8M8	8	34	6	2				
						8N8	8	31	6	7				
						8O8	8	32	6	2				
						8P8	8	33	6	3				
						8Q8	8	39	6	1				
						8R8	8	28	6	5				
						8S8	8	28	6	1				
						8T8	8	35	6	2				
						8U8	8	35	6	7				
						8V8	8	35	6	2				
						8W8	8	35	6	7				
						8X8	8	32	6	2				
						8Y8	8	33	6	2				
						8Z8	8	32	6	2				
						8AA8	8	33	6	3				
						8AB8	8	33	6	2				
						8AC8	8	33	6	2				
						8AD8	8	33	6	2				
						8AE8	8	33	6	2				
						8AF8	8	33	6	2				
						8AG8	8	33	6	2				
						8AH8	8	33	6	2				
						8AI8	8	33	6	2				
						8AJ8	8	33	6	2				
						8AK8	8	33	6	2				
						8AL8	8	33	6	2				
						8AM8	8	33	6	2				
						8AN8	8	33	6	2				
						8AO8	8	33	6	2				
						8AP8	8	33	6	2				
						8AQ8	8	33	6	2				
						8AR8	8	33	6	2				
						8AS8	8	33	6	2				
						8AT8	8	33	6	2				
						8AU8	8	33	6	2				
						8AV8	8	33	6	2				
						8AW8	8	33	6	2				
						8AX8	8	33	6	2				
						8AY8	8	33	6	2				
						8AZ8	8	33	6	2				
						8BA8	8	33	6	2				
						8BB8	8	33	6	2				
						8BC8	8	33	6	2				
						8BD8	8	33	6	2				
						8BE8	8	33	6	2				
						8BF8	8	33	6	2				
						8BG8	8	33	6	2				
						8BH8	8	33	6	2				
						8BI8	8	33	6	2				
						8BJ8	8	33	6	2				
						8BK8	8	33	6	2				
						8BL8	8	33	6	2				
						8BM8	8	33	6	2				
						8BN8	8	33	6	2				
						8BO8	8	33	6	2				
						8BP8	8	33	6	2				
						8BQ8	8	33	6	2				
						8BR8	8	33	6	2				
						8BS8	8	33	6	2				
						8BT8	8	33	6	2				
						8BU8	8	33	6	2				
						8BV8	8	33	6	2				
						8BW8	8	33	6	2				
						8BX8	8	33	6	2				
						8BY8	8	33	6	2				
						8BZ8	8	33	6	2				
						8CA8	8	33	6	2				
						8CB8	8	33	6	2				
						8CC8	8	33	6	2				
						8CD8	8	33	6	2				
						8CE8	8	33	6	2				
						8CF8	8	33	6	2				
						8CG8	8	33	6	2				
						8CH8	8	33	6	2				
						8CI8	8	33	6	2				
						8CJ8	8	33	6	2				
						8CK8	8	33	6	2				
						8CL8	8	33	6	2				
						8CM8	8	33	6	2				
						8CN8	8	33	6	2				
						8CO8	8	33	6	2				
						8CP8	8	33	6	2				
						8CQ8	8	33	6	2				
						8CR8	8	33	6	2				
						8CS8	8	33	6	2				
						8CT8	8	33	6	2				
						8CU8	8	33	6	2				
						8CV8	8	33	6	2				
						8CW8	8	33	6	2				
						8CX8	8	33	6	2				
						8CY8	8	33						

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
		30	1	6	2	9AK8	9	30	5	6					
8MD8	8	30	1	8	2			43	6	8					
		35	6	6	10			35	6	2					
		35	6	8	10			35	6	1					
8M-P12	8	35	6	9	10	9AK10	9	30	6	1	9ED4	9	*54	6	8
		34	6	1	1			30	6	7					
8MU8	8	31	6	2	2	9AQ8	9	32	6	2					
		31	6	9	2			32	6	2					
8R-HP1	8	33	6	3	2			32	6	7					
		39	6	1	2	9AU7	9	40	10	2					
8RLP1	8	29	6	3	2			40	10	7					
		36	6	1	2	9BJ11	9	26	6	1					
		36	6	1	2			26	6	6					
8SN7	8	44	6	1	8	9BR7	9	32	10	2					
		44	6	4	8			37	10	6					
8U9	8	30	6	3	13			37	10	7					
		40	6	10	13	9BR8	9	32	6	9					
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		
9V9	34	6	3	13	10DX8	10	25	6	8	2	10G7A	10	28	6	2	
	32	6	8	13			25	6	1	2						
9X8	9	30	6	7	2	10E/312	25	34	6	5	3	10GH8	10	43	6	9
		32	6	2	2	10E/349	6	41	6	5						
10AF11	10	31	6	1	9	10E/558	6	52	6	10						
		31	6	6	9	10E/11448	6	42	6	5						
		35	6	3	9	10E/11533	6	39	6	5						
10AL11	10	31	6	3	9	10E/11581	6	40	6	10						
		27	6	8	9	10EB8	10	33	6	7						
10R05	10	33	1	2	2			34	6	2						
		31	6	6	9			34	6	2						
10C8	10	32	6	8	2	10EG7	10	32	6	1						
		32	6	2	2			45	6	4						
10CW5	10	*30	1	2	2	10EM7	10	32	6	1						
		19	33	6	2	10EW7	10	45	6	4						
10D2	19	33	6	2	1			31	2	3						
		33	6	7	1			45	2	7						
10DE7	10	33	2	3	2	10FD7	10	24	2	7						
		44	2	7	2			38	2	3						
10DR7	10	32	2	3	2	10FR7	10	25	2	3						
		41	2	7	2			35	2	7						
		28	6	2	10	10GF7	10	28	6	2						
8LT8-10LY8		43	6	9	10			43	6	9						

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
10LZ8	10	34	6	2	2	11CA11	11	35	9	3	9	11L18	11	26	8	9	2
10T10	10	29	6	7	2	11CF11	11	33	9	6	9	11MS8	11	30	1	6	2
10Z10	10	33	6	3	9			33	9	8	9			30	1	8	2
		27	6	8	9			39	7	9	9			29	6	9	2
		30	6	1	9			33	6	1	9			29	6	2	2
11AF9	11	95	6	6	9	11CY7	11	33	6	5	9	11R3	11	30	2	9	2
		30	8	1	13			31	2	3	2	11Y9	11	30	6	1	13
11AR11	11	30	2	8	13	11DS5	11	45	2	7	2	12A4	12	30	6	8	13
		28	6	5	9	11FY7	11	33	1	7	1	12A6	12	32	3	7	7
		28	6	10	9			25	9	3	9			45	6	5	3
11BM8	11	33	6	3	2	11HM7	11	43	9	10	9	12A8	12	45	6	5	3
		39	6	1	2			25	7	2	2	12AB5	12	42	3	6	2
11BN11	11	25	6	3	9												
		25	6	7	9												
11BQ11	11	26	6	5	9	11JE8	11	25	6	7	2	12AC6	12	42	6	1	1
		26	6	10	9							12AD6	12	35	6	1	1
11BT11	11	27	7	1	9	11KV8	11	27	6	7	2	12AD7	12	40	10	2	2
		30	9	5	9	11LQ8	11	34	6	2	2	12AE6	12	52	6	1	1
		26	9	3	9			26	6	7	2			66	6	5	1
11C5	11	38	2	5	1			26	6	2	2	12AE7	12	32	10	2	2
														32	10	7	2

Normal shorts refer to position of "C" switch.

12B Series

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

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	7	2	
12CL3	12	27	2	7	12DL8	12	31	6	2	*Normally shows short position 7-11.	12	33	6	1	44	6	9	2	
12CM6	12	40	3	6	12DK6	12	33	6	1	12DT6	12	41	10	2	12DY8	12	30	6	1
12CN5	12	33	2	5	12DK7	12	33	9	1	12DT7	12	41	10	7	12E5	12	35	6	9
12CR6	12	39	6	7	12DM4	12	80	9	6	12DU7	12	77	6	7	12E6	12	33	6	1
12CS6	12	35	6	1	12DQ4	12	30	6	5	12DV7	12	49	10	7	12E8	12	30	6	3
12CT3	12	32	2	6	12DQ6	12	34	6	5	12DW4A	12	29	8	2	12E9	12	48	6	5
12CT8	12	35	6	8	12DQ7	12	30	6	5	12DW5	12	33	3	6	12EA6	12	32	6	1
12CU5	12	*33	2	5	*Normally shows short position 3-9.	12	65	6	9	12E66	12	78	10	2	12E88	12	30	6	9
*It may show short pin 1-11.																			
12CU6	12	35	6	5	12FX8	12	30	6	2	12E67	12	78	10	3	12EH5	12	30	2	5
12CX6	12	30	6	1	12FX8A	12	25	6	6	12E68	12	77	6	7	12EK6	12	31	6	1
12D4	12	33	6	5	12G6	12	66	6	5	12E69	12	77	6	9	12EL6	12	32	6	1
12DA6	12	34	1	2	12G6A	12	66	6	6	12E70	12	77	6	9	12E65	12	32	2	5
12DB5	12	*38	3	6	12G6B	12	62	6	8	12E71	12	49	10	7	12E66	12	36	6	1
*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	12F08	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	33	4	5	12HB25	12	*33	2	1
12EZ6	12	32	6	1	12G-K17	12	66	6	6	12G66	12	33	4	5	12HE7	12	25	11	9
12F5	12	40	6	10	12G5	12	27	2	1	12G65	12	*27	3	1	12HG7	12	27	7	2
12F8	12	40	6	8	12G6	12	52	6	1	*Normally shows short position 4-10.	12	*32	7	2	12HL5	12	30	2	7
12F31	12	62	6	1	12G7	12	66	6	5	*Normally shows short position 1-7.	12	35	6	5	12HL7	12	28	7	2
12FK6	12	40	6	1	12G8	12	35	10	2	12G-K17	12	35	6	5	*Normally shows short position 3-9.	12	29	6	2
12FM6	12	65	6	6	12G9	12	35	10	7	12G7	12	*24	7	2	12HUS	12	29	6	2
12F07	12	36	6	2	12G10	12	32	2	5	12G15	12	*35	7	2	12J5	12	42	6	5
12JB6A	12	36	6	7	12G11	12	32	6	2	*Normally shows short position 1-7.	12	35	7	2	12J7	12	50	6	10
*Use TC-80 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								
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	15EW6	15	39	6	4	8	15MF8	15	35	7	7	9	166K6	16	32	6	1	2				
14Y4	12	45	6	3	4	15EW7	15	31	2	3	2	*Normally shows short			166Y5	16	33	3	2	2	16	33	3	2			
		45	6	6	4	15FM7	15	45	2	7	2	15MX8	15	30	6	2	10	16GY5	16	*25	5	9	9	*Normally shows short position			
15A6	15	30	6	2	2	15FY7	15	25	3	8	9	16A5	16	40	6	9	10	1-3-4-7-10.			16HB5	16	*25	1	3	9	
15A8	15	36	6	4	3	15FY7	15	25	9	3	9	16A8	16	33	6	3	2	*Normally shows short position 4-10.			16K11	16	35	6	1	9	
15AF11	15	31	6	1	9	15GY5	15	42	9	10	9	16AK9	16	39	6	1	2	*Normally shows short position 3-9.			16KA6	16	35	6	7	9	
		31	6	6	9	*Normally shows short position 1-3-4-7-10.			16AQ3*	16	30	7	3	9	30	7	8	9	*May show short position 1-3-4-7-10.			16LU8	16	28	7	7	9
15BD11	15	26	6	1	9	15HA6	15	*27	3	2	2	*If no test, use alternate settings.			16AQ3	16	30	7	3	7	16LD6	16	*29	7	2	2	
		31	6	3	9	*Normally shows short position 6-8.			16BQ3	16	30	3	7	7	*Normally shows short position 3-9.			16MY8	16	28	7	7	9	*Normally shows short position 3-9.			
15BD11A	15	26	6	1	9	15HB6	15	*25	3	2	2	16BQ11	16	26	6	5	9	*Normally shows short position 6-8.			16Y9	16	30	6	1	13	
		31	6	3	9	*Normally shows short position 6-8.			16BX11	16	32	6	2	9	*Normally shows short position 1-3-4-10.			16Z8	16	31	7	10	9	*Normally shows short position 1-7.			
15CW5	15	*30	1	2	2	15KY8	15	30	6	2	10	16C-B28	16	*30	5	9	9	*Normally shows short position 6-7-8-9.			16Z9	16	30	6	1	13	
		25	6	8	2	15KY8A	15	30	6	2	10	*Normally shows short position 1-3-4-10.			16Z9	16	30	6	1	13	16Z9	16	30	6	1	13	
15D08	15	25	6	8	2	Normal Shorts refer to position of "C" Switch.																					

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			
17AB10	17	29	6	1	9	17BH3A	17	30	8	2	10	17DE4	17	34	6	5	8	*Normally shows short position			17H3	17	36	3	8	2
17AF3	17	95	6	6	9	17B16	17	34	6	1	1	17DM4	17	32	6	5	8	1-3-4-7-10.			17H-B25	17	*33	2	1	10
17AV5	17	33	6	1	3	17BQ6	17	35	6	5	3	17DQ4	17	30	6	5	8	*Normally shows short position			17JF6	17	*25	5	9	9
17AX3	17	34	4	10	9	17BR3	17	30	2	9	2	17DQ6B	17	30	6	5	3	*Normally shows short position			17JF6	17	*25	5	9	9
17AX4	17	35	6	5	8	17BS3	17	27	8	2	10	17DW4A	17	29	8	2	10	1-3-4-7-10.			17JF6	17	*25	5	9	9
17AY3	17	30	8	2	10	17BW3	17	28	4	10	9	17EW8	17	32	6	2	2	*Normally shows short position			17JF6	17	*25	5	9	9
17AY3B	17	30	8	2	10	17BZ3	17	28	4	10	9	17FY7	17	25	9	3	9	*Normally shows short position			17JF6	17	*25	5	9	9
17B814	17	*33	2	1	10	17C5	17	*34	2	5	1	*Normally shows short position 1-11.			17GE5	17	*27	3	1	9	17H08	17	36	6	3	2
		33	6	2	2	17C8	17	33	6	2	2	*Normally shows short position			*Normally shows short position 4-10.			17H68	17	24	3	2	2	2		
17BD11	17	26	6	1	9	17C9	17	28	7	1	2	17G5	17	*32	7	2	10	*Normally shows short position 1-7.			17IB6	17	*29	7	2	10
		31	6	3	9	17CA5	17	28	11	7	2	*Normally shows short position 1-7.			*Normally shows short position 1-7.			17IB6A	17	*29	7	2	10			
17BE3	17	26	4	10	9	17CK3	17	25	8	2	10	17G15A	17	*32	7	2	10	*Normally shows short position 1-7.			17JF6	17	*26	2	6	10
17BF11	17	25	6	3	9	17CL3	17	27	2	7	10	17G15	17	*35	7	2	10	*Normally shows short position 1-7.			*Normally shows short position 1-7.					
17BF11A	17	25	6	3	9	17C04	17	32	6	5	8	17G15A	17	*35	7	2	10	*Normally shows short position 1-7.			*Normally shows short position 1-7.					
17C13	17	32	2	6	2	17C13	17	32	2	6	2	*Normally shows short position 1-7.			*Normally shows short position 1-7.			*Normally shows short position 1-7.								
17C05	17	32	2	5	1	17C05	17	32	2	5	1	*Normally shows short position 1-7.			*Normally shows short position 1-7.			*Normally shows short position 1-7.								

Normal shorts refer to position of "C" switch.

◆ 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		30	6	8	13							
17JQ6	17	*35	8	8	2	17Z3*	17	30	2	9	2	18GV8	18	29	6	9	2
		58	8	6	2	*if no test—use alternate settings.	17	30	3	9	2	18HB8	18	36	6	9	2
17JR6	17	34	1	2	10	18A5	18	34	6	1	3	18J6	18	34	6	5	1
17JS6	17	*29	10	5	9	18AJ10	18	32	4	3	9	18R-AL1	18	52	2	7	2
						*Normally shows short position 1-3-4-10.	18	33	4	8	9	19A8	19	85	6	1	2
17JT6	17	34	1	2	10	18AK5	18	33	2	1	1	19A05	19	35	1	7	1
17JT6A	17	34	1	2	10	18AQ5	18	35	1	7	1	19A04	19	33	1	5	8
17JZ8	17	29	7	7	9	18DZ8	18	30	6	3	2	19B66	19	36	6	5	3
17KV6	17	40	7	10	9	18FW6	18	37	6	1	1	19B7	19	33	1	2	2
17KW6	17	28	1	2	10	18FX6	18	34	6	1	1	19BZ8	19	33	6	2	2
17L6	17	34	6	5	3	18FY6	18	38	6	1	1	19EA8	19	30	6	2	2
17L8	17	30	6	2	10		74	6	5	1		19EW7	19	31	6	9	2
		46	6	9	10		74	6	6	1		19EZ8	19	33	6	2	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 1-3-4-7-10.	35	6	2	2	21A6	19	*32	8	2	2	
19HR6	19	24	6	1	1	19V8		35	6	6	2	21EX6	22	33	6	5	3
19HS6	19	26	6	1	1		19	40	6	6	2	21GV5	21	*25	5	9	9
19HV8	19	35	6	1	2						21HB5	21	*25	1	3	9	
19J6	19	34	6	5	1						*Normally shows short position 1-3-4-7-10.	21	*25	1	8	10	
19JC6	19	26	3	2	2						*Normally shows short position 2-3-6-7.	21KAG	21	*26	10	5	9
19JN8	19	26	6	9	2						*Normally shows short position 3-4-7-11.	21KQ6	21	*25	1	8	10
19KF6	19	33	1	7	10						*Normally shows short position 2-3-6-7.	21L66	21	*32	10	5	9
19KG8	19	24	6	9	2						*May show short position 1-3-4-7-10.	21LR8	21	27	6	2	10
		24	6	2	2						*If no test, use alternate settings.	21LJ5	21	*26	3	1	9
19MR9	19	35	6	1	1						*Normally shows short position 4-10.	21LH5	21	*26	3	1	9
19Q9	19	25	6	1	2						*Normally shows short position 4-5-9-10.	21HD5	21	*27	3	1	9
		25	6	8	2						*Normally shows short position 4-5-9-10.	21J56	21	*29	10	5	9
											Normally shows short position 1-3-4-7-10.	22AL3	22	27	7	3	7
											*If no test, use alternate settings.	22AL3	22	27	3	7	

◆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	25CG3	25	26	4	10	9
22JG6	22	28	1	2	10	24	25	6	3	25CK3	25	30	8	2	10
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	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
22J16	22	*27	7	2	10	24	29	7	7	25D4	25	33	6	5	8
*Normally shows short position 1-7.						40	7	10	9	25DK4	25	28	7	5	1
22J16	22	*27	7	2	10	24	*29	7	2	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	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	*Normally shows short position 7-11.					
22KV6	22	28	1	2	10	25	33	6	1	25E5	25	27	6	5	3
23JS6	23	*29	10	5	9	25	35	6	5	25E6	25	32	6	5	3
*Normally shows short position						25	40	6	5	25EH5	25	*30	2	5	1
23J6A	23	*29	10	5	9	25	37	3	7	25EHS	25	*Normally shows short position 1-11.			
*Normally shows short position 1-3-4-10.						25	35	6	5	25F5	25	38	2	5	1
23J6A	23	*29	10	5	9	25	30	2	9	25F5A	25	38	2	5	1
*Normally shows short position 1-3-4-10.						25	33	2	5	25GB6	25	33	6	5	3

◆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	35	5	1	3	*May show short position 1-3-4-7-10.					30AE3	30	28	3	7
26HU5	26	*28	1	5	8	28D7	30	40	6	2	30AG11	30	28	6	8
26JG6	26	28	1	2	10	*Normally shows short position 3-6-7-8.					30C1	9	31	6	2
26LX6	26	*37	10	5	9	28HA6	28	*27	3	2	30CW5	30	*30	1	2
26Z5	26	45	10	1	2	*Normally shows short position 6-8.					30HD5	30	*27	3	1
27GB5◆	27	*26	1	2	10	28HD5	28	*27	3	1	*Normally shows short position 4-5-9-10.				
*May show short position 3-6-7-8.						29GK6	29	33	3	2	30HJ5	30	*26	3	1
22BH3-31LR8						29KQ6◆	29	*25	1	8	*Normally shows short position 1-3-4-10.				
◆Use TC-62B Adapter.						29LE6◆	29	*30	1	8	30J76	30	*27	10	5
*Normally shows short position 2-3-6-7.						*Normally shows short position 2-3-6-7.					*Some tubes may show short position 1-3-4-10.				

◆Use TC-80 Adapter. ◆Use TC-62B Adapter.

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	34	6	5	3	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	34	2	1	1
5727	6	33	6	7	1	5931	5	*42	6	4	3	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	3	6062	32	10	7	2	2	6097	6	33	6	2	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	5	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	6137	6	44	10	7	2	6136	6	33	6	1	1
						6005	6	35	1	7	1	6146	6	35	6	1	8	6137	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.	*Normally shows short position 1-6.	6	72	6	2	2	6664	6	30	6	6	1	6883	12	32	10	7	2
6187	6	35	6	1	1	6218	6	29	1	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	42	10	7	2	*Normally shows short position 1-8.						
						6520	6	35	6	1	8	*Normally shows short position 4-6.						7000	6	50	6	10	3	
						6550	6	35	6	5	3	6686	6	26	1	2	2	7025	12	42	10	2	2	
						6660	6	33	2	1	1	6687	6	32	6	1	1	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 3-9.								7189	6	*33	1	2	*7551	15	*34	10	2	2							
7055	12	33	6	2	1			*7189	*Normally shows short position 3-8.				*7558	6	*30	3	2	2							
								7199	6	30	6	7	*7558	*Normally shows short position 1-9.											
7056	12	33	6	1	1			7233	6	*33	2	7	7581	6	37	6	5	3							
7057	12	32	6	2	2			*7233	*Normally shows short position 1-3-6-9.				7586	6	37	2	4	5							
								7247	12	43	10	2	*7587	*For grid emission turn C switch to position 4.											
7058	12	42	10	2	2			7258	12	32	6	8	7591	6	34	4	6	3							
7059	12	33	6	2	2			7308	6	24	6	2	7607	6	*34	1	5	3							
7060	12	33	6	2	2			7320	6	33	1	2	*7607	*Normally shows short position 4-6.											
7061	12	*42	3	6	2			7355	6	37	6	6	7643	6	25	6	2	2							
*Normally shows short position 1-8.								7360	6	29	6	3	7687	6	35	6	2	2							
7062	12	26	10	7	2			7370	40	80	9	1	7693	6	31	6	1	1							
													7694	6	32	6	1	1							
7105	12	35	6	1	8								7695	50	34	6	6	2							

Normal shorts refer to position of "C" switch.

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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.								*8032	*Normally shows short position 4-6.				8417	6	30	1	5	3							
7751	6	30	4	5	3			8425	6	36	6	1	8458	12	35	10	1	10							
7754	6	34	6	6	2			8552	12	*40	1	5	*8458	*Normally shows short position 4-6.											
7788	6	*29	3	2	2			*8552	*Normally shows short position 4-6.				9001	6	42	2	1	1							
*Normally shows short position 6-9.								8102	12	28	6	9	9002	6	*46	1	6	1							
7867	6	27	6	5	3			8106	12	*24	3	7	*9002	*Normally shows short position 2-7.											
7868	6	*27	2	6	10			*8106	*Normally shows short position 2-6-9.				9003	6	42	2	1	1							
*Normally shows short position 1-7.								7895	6	*85	6	2	9006	6	*55	1	5	1							
								*7895	*For grid emission turn C switch to position 4.				8113	6	28	8	1	1							
7898	14	28	10	2	2			8136	6	25	6	1	A863	6	50	6	10	3							
								8156	13	*32	9	10	A1834	6	35	6	1	8							
7984	12	*70	8	1	9			*8156	*Normally shows short position 1-2-3-4-5-6-7-9.				AR18	6	40	6	10	3							
*Normally shows short position 2-3-4-5-6-8-9.								8233	6	*25	7	8	10	ARDD3	6	63	6	5	3						
								8278	6	*31	3	7	10	ARH1	6	48	6	5	3						

Normal shorts refer to position of "C" switch.

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7044-B319

Use TC-80 Adapter.

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O
CV858	6	34	6	5	CV886	6	38	6	6	CV900	6	35	6	6	CV939	25	40	6	5
CV862	6	53	6	5	CV887	6	50	4	4	CV901		72	6	3	CV945	30	40	6	2
CV865	6	35	6	4	CV891	6	68	4	5		6	45	6	3	CV946	30	40	6	2
CV866	6	35	6	4	CV892	6	68	4	4	CV910		45	6	6	CV946	30	40	6	7
CV867	6	46	6	2	CV892	6	69	4	5	CV916	12	45	6	5	CV995	6	36	2	1
CV873	6	43	6	3	CV893	6	69	4	6	CV917	12	48	6	3	CV1067	6	42	6	5
CV876	6	48	6	3	CV894	6	47	6	6	CV1071	12	50	6	10	CV1071	5	40	6	4
CV877	6	45	6	6	CV895	6	68	6	3		12	52	6	10					
CV878	6	40	6	4	CV896	6	68	6	4		12	41	6	3					
CV879	6	40	6	4	CV897	6	45	6	4		12	41	6	3					
CV880	6	52	6	6	CV898	6	50	6	4		12	46	6	2					
CV881	6	52	6	6	CV899	6	42	6	5		12	69	6	5					
CV882	6	40	4	3		CV899	6	35	6	4		41	6	3					
CV883	6	42	6	4			42	6	4		12	45	6	4					
CV885	6	38	6	6			35	6	4		12	45	6	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
CV1377	5	*30	6	4	CV1803	1	54	6	5	CV1849	5	*52	6	4	CV1864	5	*36	6	4
CV1633	12	32	10	2	CV1805	1	54	6	5	CV1851	5	*52	6	6	CV1876	6	*36	6	6
CV1649	6	46	6	5	CV1811	1	58	6	5		5	47	6	3					
CV1741	6	35	6	5	CV1818	1	86	6	10		5	47	6	5					
CV1753	35	34	6	6	CV1820	1	*99	6	8		5	47	6	5					
CV1757	6	42	2	1							5	47	6	3					
CV1758	1	55	5	6							5	47	6	3					
CV1762	6	43	6	1							5	47	6	3					
CV1777	6	37	6	6							5	51	6	4					
CV1784	6	32	6	4							5	51	6	6					
CV1790	6	50	6	3							5	51	6	6					
CV1800	1	57	6	5							5	52	6	3					
CV1802	1	57	6	5							5	52	6	5					

Normal shorts refer to position of "C" 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	2	2
		35	6	1	2	*Normally shows short position 2-6.																	
		35	6	6	2	DL96	2	48	5	6	6	E80CF	6	25	6	2	2	E188CC	6	24	6	2	2
DH719	6	43	6	8	2	DP61	6	33	2	1	1												
		35	6	2	2	E80F	1	*96	3	10	3	E80F	6	39	8	9	2	E235L	6	30	4	5	3
		35	6	1	2	E80L						E80L	6	29	1	2	2	E280F	6	22	1	2	2
		35	6	6	2	*Normally shows short position 5-8-11.						E80T	6	72	6	2	2	EAA91	6	33	6	7	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												
DL35	1	54	6	5	3	*Normally shows short position 6-11.						E91AA	6	33	6	2	1	EB91	6	33	6	2	1
DL36	1	48	6	5	3																		

Normal shorts refer to position of "C" switch.

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	ECC89	6	29	6	2	2	ECF201	6	38	6	10	13
		64	6	6	1	*Normally shows short position 2-5.						ECC901S	12	32	10	2	2	ECF202	6	40	6	10	13
EBC91	6	40	6	1	1	EC92	6	30	6	6	1												
		67	6	5	1							ECC189	6	30	6	2	2	ECF801	6	34	3	2	2
		67	6	6	1	EC95	6	33	1	2	1	ECC801S	6	30	6	7	2	ECF802	6	26	3	9	2
EBF80	6	37	6	2	2	EC97	6	33	1	2	1	ECC802S	12	40	10	2	2	ECF-805	6	33	9	9	2
		64	6	7	2	EC900	6	27	2	1	1	ECC808	6	36	6	1	2	ECH81	6	30	9	7	2
		64	6	8	2	EC935	6	43	6	1	8	ECC960	6	36	6	9	2	ECH83	6	38	6	9	2
EBF83	6	31	6	2	2							ECC84	6	32	6	5	1	ECH84	6	34	6	2	2
		62	6	7	2	EC981	12	32	10	2	2	ECC85	6	32	6	2	2	ECH200	6	34	6	3	13
		62	6	8	2	EC982	12	40	10	2	2	ECC86	6	33	6	2	2						
EBF89	6	33	6	2	2	EC983	12	42	10	2	2												
		60	6	7	2																		
		60	6	8	2																		
EC81	6	35	6	1	2	EC984	6	33	8	2	2												
EC86	6	29	3	6	7	EC985	6	32	6	2	2												
EC88	6	*85	7	8	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	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O
ECL82	6	33	6	3	EF89	6	34	1	2	EL81	6	*32	8	2
ECL84	6	39	6	1	EF91	6	30	6	1	EL82	6	71	2	9
ECL85	6	25	6	8	EF92	6	35	6	1	EL83	6	30	6	2
ECL85	6	25	6	1	EF93	6	33	2	1	EL84	6	33	1	2
ECL85	6	29	6	9	EF94	6	33	6	1	EL85	6	*39	1	2
ECL86	6	29	6	2	EF95	6	33	2	1	EL86	6	*30	1	2
ECL86	6	26	6	8	EF96	6	31	2	1	EL87	6	28	6	2
ECL1800	6	*99	6	1	EF98	6	30	6	1	EL88	6	29	6	2
	6	35	6	2	EF183	6	30	3	2	EL88	6	29	6	2
	6	35	6	2	EF184	6	29	3	2	EM-87	6	*55	2	1
	6	35	6	2	EF804	6	39	2	9		6	*55	2	1
	6	33	6	6	EF-806S	6	40	2	9		6	*55	2	1
	6	33	6	2	EFL200	6	30	6	1		6	*55	2	1
	6	33	6	7	EH90	6	30	6	8		6	*55	2	1
	6	*54	6	8	EH-900S	6	42	6	1		6	*55	2	1
	6	36	6	6	EK90	6	35	6	1		6	*55	2	1
	6	44	6	10	EL34	6	35	6	5		6	*55	2	1
	6	33	1	2	EL36	6	*32	4	5		6	*55	2	1
	6	33	1	2	EL37	6	37	6	5		6	*55	2	1
	6	40	2	9	EL38	6	29	6	5		6	*55	2	1

Normal shorts refer to position of "G" switch.

Use TC-80 Adapter

Normal shorts refer to position of "G" switch.

Use TC-80 Adapter

TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O	TUBE TYPE	Heater	A	B	O
EY88*	6	27	7	3	GZ32	5	*51	6	4	HD14	1	55	6	10
EY88	6	27	3	7	GZ34	5	*30	6	4	HF93	12	33	2	1
EY500	6	26	2	5	HBC90	12	39	6	1	HF94	12	33	6	1
EZ35	6	40	6	3	HBC91	12	40	6	1	HK90	12	35	6	1
EZ80	6	40	6	1	HCC85	17	32	6	2	HL90	19	35	1	7
EZ81	6	34	6	1	HCH81	12	32	6	2	HL92	50	35	2	5
EZ90	6	44	6	1		6	32	6	3	HL94	29	27	5	2
G180/ZM	50	*99	3	5		6	35	6	5	HM04	6	35	6	1
GZ30	5	*36	6	4		6	35	6	5	HY90	35	33	7	5
	6	36	6	6		6	42	6	5	KT32	25	34	6	5
	6	34	6	7		6	41	1	6	KT66	6	39	6	5
	6	34	6	7		6	31	6	2	KT88	6	35	6	5
	6	34	6	7		6	34	6	9	KTZ63	6	50	6	10
	6	34	6	7		6	34	6	9	L63	6	42	6	5
	6	34	6	7		6	41	1	6	L77	6	41	1	6
	6	34	6	7		6	27	2	1	LC900	3	27	2	1
	6	34	6	7		6	31	6	2	LCF80	6	31	6	2
	6	34	6	7		6	34	6	9	LCF200	5	32	6	3
	6	34	6	7		6	38	6	10	LL86	10	*30	1	2

Normal shorts refer to position of "C" switch.

Use TC-62B Adapter

Normal shorts refer to position of "C" switch.

Use TC-62B Adapter

TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	
LL500♦	18 *26	1	2	10	N17	3	*48	5	3	6	OBC3	12	42	6	2
*May show short position 3-6-7-8.					N18	3	*42	5	3	6	OF1	6	47	6	10
LL505♦	27 *26	1	8	10	N19	3	45	5	6	6	OH4	12	45	6	5
*Normally shows short position 2-3-6-7.					N152	20	*32	8	2	2	OSW2190	6	33	6	4
LL521♦	21 *25	1	8	10	*Normally shows short position 1-6-9.						OSW2192	6	32	6	4
*Normally shows short position 2-3-6-7.					N329	16	71	2	9	2	OSW2600	6	33	6	4
LL802	10 *29	7	2	2	N709	6	33	1	2	2	OSW3105	6	42	6	2
*Normally shows short position 3-9.					NCC189	4	30	6	2	2	OSW3106	6	41	6	5
LN152	6	37	6	9	2	2	2	2	2	2	OSW3108	6	37	6	5
LY81	11	30	2	9	2	2	2	2	2	2	OSW3109	6	48	6	3
LY88*	22	27	7	3	7	NR81	6	52	6	10	3	3	3	3	
*If no test, use alternate settings.					NR83	6	50	6	10	3	3	3	3	3	
LY500■	28	26	2	5	8	NR85	6	54	6	5	3	3	3	3	
LZ319	9	45	6	5	3	NR95	25	34	6	5	3	3	3	3	
M8081	6	34	6	5	1	NU20	5	*51	6	4	3	3	3	3	
M8100	6	33	2	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	Heater	A	B	C	TUBE TYPE	Heater	A	B	C	TUBE TYPE	Heater	A	B	C
PCF80	9	31	6	2	2	PL500♦	28	*26	1	2	10	17	30	2
PCF82	9	33	6	2	2	*May show short position 3-6-7-8.						19	29	6
PCF86	7	24	3	2	2	PL505♦	40	*26	1	8	10	30	27	7
PCF200	8	32	6	3	13	*Normally shows short position 2-3-6-7.								
PCF201	8	30	6	3	13	PL508♦	17	28	1	8	10	30	27	3
PCF801	8	24	3	2	2	PL509♦	30	*26	1	8	10	42	26	2
PCF802	9	29	6	2	2	*Normally shows short position 2-3-6-7.						6	41	1
PCF805	7	33	9	9	2	PL521♦	29	*25	1	8	10	6	33	6
PCF200	9	34	6	3	13	*Normally shows short position 2-3-6-7.						12	32	10
PCF82	16	33	6	3	2	PL802	16	*29	7	2	2	6	44	6
LL500—QE05/40						PL820	19	*32	8	2	2	6	44	6
◆Use TC-80 Adapter						PL81	19	*32	8	2	2	6	44	6
						PM04	6	33	2	1	1	44	6	4
						PM05	6	33	2	1	1	33	2	1
						PY32	29	25	7	3	3	6	*38	1
						PY80	19	29	6	9	2	6	33	9

◆Use TC-80 Adapter

Normal Shorts refer to position of "C" Switch.

■Use TC-62B Adapter

TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket	TUBE TYPE	Heater	A	B	C	Socket
QS150/40	50	*99	3	5	3	U50	5	*51	6	4	3	UABC80	25	43	6	8	2
*Tube good if it reads 60 or more.																	
*Normally shows short position 11.																	
QV03/12	6	33	9	9	2	U52	5	*40	6	4	3	UBF80	17	30	6	2	2
*Normally shows grid emission.																	
QV06/20	6	*38	1	5	3	U54	5	*30	6	4	3	UCC84	22	33	8	2	2
*Normally shows short position 4-6.																	
R52	5	*36	6	4	3	U78	6	44	6	1	1	UCC85	25	32	6	2	2
*Normally shows short position 8-11.																	
SN7	1	*96	3	10	3	U147	6	40	6	3	3	UCF80	25	31	6	2	2
*Normally shows short position																	
5-8-11.																	
SP6	6	30	6	1	1	U149	6	45	6	3	4	UCH81	19	32	6	2	2
T2M05	6	34	6	5	1	U153	17	30	2	9	2	UCL82	50	33	6	3	2
*Normally shows grid emission.																	
TS51	6	33	2	1	1	U154	19	29	6	9	2	UF86	12	40	2	9	2
TS52	6	34	6	5	1	U192	19	29	6	9	2	UF89	12	34	1	2	2
TS-876C	6	*28	1	2	2	U709	6	34	6	1	2	UL84	50	33	6	7	1
*Normally shows short position 3-9.																	

*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
VR-150	50	*99	3	5	3	VT93	6	55	6	10	3	VT112	6	33	6	4	3
*Tube good if it reads 60 or more.																	
*Normally shows short position 11.																	
*Normally shows grid emission.																	
VT52	7	41	6	5	3	VT94	6	42	6	5	3	VT114	5	*38	6	4	3
VT65	6	46	6	5	3	VT96	6	47	6	4	3	VT115	6	37	6	5	3
VT66	6	54	6	5	3	VT97	5	*52	6	4	3	VT116	6	35	6	4	3
VT74	5	*36	6	4	3	VT99	6	45	6	5	3	VT117	6	40	6	4	3
*Normally shows short position 8-11.																	
VT86	6	52	6	10	3	VT102	6	41	6	5	3	VT124	1	55	6	5	3
VT87	6	44	6	10	3	VT103	6	42	6	2	8	VT125	1	54	6	5	3
VT88	6	52	6	10	3	VT104	12	42	6	2	8	VT126	6	40	6	3	3
*Normally shows short position 8-11.																	
VT90	6	48	6	3	3	VT105	6	48	6	3	8	XCF86	5	24	3	2	2
VT91	6	50	6	10	3	VT107	6	41	6	5	3	XCF88	4	30	6	7	2
*Normally shows short position 11.																	
*Normally shows grid emission.																	
X/2/	6	30	6	4	3	XCL82	8	33	6	3	2	XCF89	4	30	6	7	2
XB767A	6	34	6	5	3	XCL84	8	25	6	8	2	XCF80	4	31	6	2	2
XC95	2	33	1	2	1	XCL85	18	29	6	9	2	XCH81	3	85	6	1	2
XC97	2	33	1	2	1	XF80	3	33	1	2	2	XCL82	8	33	6	3	2
XC900	2	27	2	1	1												
XCC189	4	30	6	2	2												
XCF80	4	31	6	2	2												
XCF86	5	24	3	2	2												
XCF801	4	24	3	2	2												
XCH81	3	85	6	1	2												
XCL82	8	33	6	3	2												
XCL84	8	25	6	8	2												
XCL85	18	29	6	9	2												
XF80	3	33	1	2	2												

Normal shorts refer to position of "C" switch.

QS150/40--XF80

