

# **K4XL's** **BAMA**

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5412 Manufacturing Company  
3726 N Southport Avenue  
Chicago 18 Ill



### INSTRUCTIONS FOR MODEL 650 DYNA-QUIK

1. Look up type on panel or in tube index and set Heater switch.
2. If Tube is to be tested in 610 panel, set switches to positions indicated on chart.
3. Insert tube in proper socket.
4. Set Sensitivity control.
5. In Short-Grid Emission position of Function switch, tubes are defective if Shorts light glows or if meter indicates a reading in reject area of grid emission scale.
6. Advance function switch to Test 1. Read Test for mutual conductance on Good-Bad scale.
7. If tube is multiple section tube (e.g. 6AT6 triode-diode) the second section is tested in Test 2, and the third section in Test 3 position of Function switch.
8. Life test can be made on each section by pushing On-Off switch to life test position.

TUBE TYPE	Heater	Socket	Sensi-tivity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sensi-tivity	A	B	C	D	E	F	G	H	J	Test Post.
OA2	50	610	87	2	1	0	0	0	0	0	0	4	1	1F3	1	4	70									1	
OA3	50	610	56	2	5	0	0	0	0	0	0	4	1	1FD1	1	610	87	1	6	0	0	7	5	4	0	3	1
OB2	35	610	90	2	1	0	0	0	0	0	0	4	1				95	1	3	0	0	7	0	0	3	1	
OB3	50	610	55	2	5	0	0	0	0	0	0	4	1	1FD9	1	4	70									1	
OC2	50	610	63	2	5	0	0	0	0	0	0	4	1	1G3	1	65	55									1	
OC3	50	610	74	2	5	0	0	0	0	0	0	4	1	1G6	1	67	73									1	
OD3	50	610	87	2	5	0	0	0	0	0	0	4	1	1H2	1	53	61									1	
1A5	1	67	79										1	1H5	1	67	80									1	
1A7	1	67	79										1	1J3	1	65	89									1	
1AB6	1	4	70										1	1J6	2	610	75	2	5	0	0	7	0	0	0	3	1
1AF4	1	4	75										1				75	2	4	0	0	7	0	0	0	3	1
1AH5	1	610	87	1	6	0	0	7	5	4	0	3	1	1K3	1	65	89									1	
			95	1	3	0	0	7	0	0	0	3	1	1L4	1	4	75									1	
1AJ4	1	4	75										1	1L6	1	610	80	1	4	0	0	7	0	0	0	3	1
1AX2	1	53	99										1	1LA4	1	610	75	8	6	0	0	1	0	0	0	3	1
1B3	1	65	55										1	1LA6	1	610	90	8	4	0	0	1	0	0	0	3	1
1B7	1	67	75										1	1LB4	1	610	75	8	6	0	0	1	0	0	0	3	1
1C1	1	4	75										1	1LC5	1	610	75	8	6	0	0	1	0	0	0	3	1
1C5	1	67	75										1	1LC6	1	610	85	8	4	0	0	1	0	0	0	3	1
1D8	1	67	74										1	1LD5	2	610	70	8	6	0	0	1	2	3	0	3	1
1DN5	1	4	75										1				90	8	4	0	0	1	0	0	0	3	1
1F1	1	4	75										1	1LE3	1	610	73	8	6	0	0	1	2	0	0	3	1
1F2	1	4	75										1	1LG5	1	610	75	8	6	0	0	1	2	3	0	3	1



TUBE TYPE	Heater	Socket	Sensi-tivity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sensi-tivity	A	B	C	D	E	F	G	H	J	Test Post.
1LH4	2	610	70	8	6	0	0	1	2	0	0	3	1	2BN4	2	6	54										1
			90	8	4	0	0	1	0	0	0	3	1	2C51	6	610	63	1	0	4	3	9	2	5	20	1	1
1LN5	1	610	75	8	6	0	0	1	2	3	0	3	1				63	1	0	6	7	9	8	5	20	1	1
1N2-A	1	65	55										1	2CY5	2	9	58										1
1N5	1	67	84										1	2D21	6	610	13	3	6	0	1	4	2	5	10	2	1
1P5	1	67	80										1	2E24	6	610	73	2	3	10	5	7	1	0	30	1	1
1P10	3	4	72										1	2E26	6	610	75	2	3	10	5	7	1	0	30	1	1
1P11	3	4	74										1	2EA5	2	9	77										1
1Q5	1	67	74										1	2EN5	2	11	60										2
1R5	1	4	75										1				60										3
1S2-A	1	53	50										1	2ER5	2	610	63	3	0	5	2	4	1	6	15	1	1
1S4	1	4	70										1	2ES5	2	610	63	3	0	5	2	4	1	6	15	1	1
1S5	1	4	70										1	2EV5	2	9	52										1
1T4	1	4	75										1	2FH5	2	610	63	3	0	5	2	4	1	6	21	1	1
1T5	1	4	70										1	2FQ5	2	610	55	3	0	5	2	4	1	0	20	1	1
1U4	1	4	76										1	2FV6	2	9	53										1
1U5	1	4	80										1	2FY5	2	610	65	3	0	5	2	4	1	6	20	1	1
1V2	1	47	62										1	2T4	2	7	80										1
1X2	1	53	50										1	3A2	3	53	50										1
2AF4	2	7	88										1	3A3	3	65	67										1
2B3	2	65	43										1	3A4	3	4	66										1
<b>0A2-3A5</b>														3A5	3	610	72	1	3	0	0	7	2	0	0	3	1
																	72	7	5	0	0	1	6	0	0	3	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.		
3A8	3	67	75										1	3CB6	3	9	75									1			
3AF4	3	7	88										1	3CE5	3	9	64									1			
3AJ8	3	610	99	4	1	6	2	5	3	7	28	1	1	3CF6	3	9	67									1			
			99	4	0	8	9	5	3	0	43	1	1	3CS6	3	9	94									1			
3AL5	3	11	68										2	3CY5	3	9	58									1			
			68										3	3DG4	3	610	13	1	5	0	0	3	0	0	0	2	1		
3AU6	3	9	83										1				13	1	7	0	0	3	0	0	2	1			
3AV6	3	19	92										1	3DK6	3	9	62									1			
			91										2	3DT6	3	9	96									1			
			91										3	3EA5	3	9	77									1			
			80										1	3ER5	3	610	63	3	0	5	2	4	1	6	15	1	1		
3B2	3	65	80										1	3ES5	3	610	63	3	0	5	2	4	1	6	15	1	1		
3BA6	3	9	79										1	3EV5	3	9	52									1	1		
3BC5	3	9	73										1	3FH5	3	610	63	3	0	5	2	4	1	6	21	1	1		
3BE6	3	9	94										1	3FQ5	3	610	55	3	0	5	2	4	1	0	20	1	1		
3BN4	3	6	54										1													1	1		
			95										1	3FY5	3	610	65	3	0	5	2	4	1	6	20	1	1		
3BN6	3	18	95										1	3GS8	3	46	99										1	1	
3BU8	3	46	90										1													1	1		
			90										2													2	2		
			92										1	3L35	3	4	66										1	1	
3BY6	3	9	92										1	3LF4	3	610	70	8	6	0	0	1	2	3	0	3	1	1	
3BY7	3	610	65	4	8	7	2	5	1	9	20	1	1	3Q4	3	4	74										1	1	
3BZ6	3	9	68										1														1	1	
			26										1	3Q5	3	67	75											1	1
3C2	3	65	26										1	3S4	3	4	72											1	1
3C4	1	610	70	1	6	0	0	7	2	0	0	3	1															1	1

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.					
3V4	3	4	74										1	4BZ6	4	9	68											1	1			
4AU6	4	9	83										1	4BZ7	4	50	73												1	1		
4AU8	4	38	57										1				73												2	1		
			80										2	4BZ8	4	50	76													1	1	
4BA6	4	9	79										1				76												2	1		
			79										1	4CB6	4	9	75													1	1	
4BC5	4	9	73										1	4CE5	4	9	64													1	1	
4BC8	4	50	71										1	4CS6	4	9	94													1	1	
			71										2	4CY5	4	9	58													1	1	
4BE6	4	9	94										1	4DE6	4	9	66													1	1	
4BL8	4	36	65										1																	1	1	
			56										2	4DK6	4	9	62													1	1	
4BN4	4	6	54										1	4DT6	4	9	96													1	1	
4BN6	4	18	95										1	4ES8	4	50	58													1	1	
4BQ7	4	50	70										1				58													2	1	
			70										2	4EW6	4	9	68														1	1
4BS8	4	50	68										1	4GM6	4	9	63													1	1	
			68										2	4GS8	4	46	99														1	1
4BU8	4	46	90										1	5AM8	5	39	69														1	1
			90										2				65														2	1
4BX8	4	50	65										1	5AN8	5	40	65														1	1
			65										2				63														2	1
			65										2	5AQ5	5	8	85														1	1

**3A8-5AQ5**

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test P. No.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test P. No.
5AR4	5	59	21										1	5BQ5	5	610	57	4	9	7	2	5	3	0	25	1	1
			21										2	5BQ7	5	50	70									1	
5AS4	5	59	21										1				70									2	
			21										2	5BR8	5	49	78										1
5AS8	5	24	68										1				71									2	
			66										2	5BS8	5	50	68										1
5AT8	5	49	80										1				68									2	
			77										2	5BT8	5	610	60	4	7	6	8	5	9	0	15	1	1
5AU4	5	59	20										1				72	4	1	0	0	5	3	0	0	3	
			20										2				72	4	2	0	0	5	3	0	0	3	
5AV8	5	610	60	4	8	9	6	5	7	0	18	1	1	5BW8	5	610	76	4	8	9	6	5	7	0	18	1	1
			67	4	0	3	2	5	1	0	25	1	1				60	4	1	0	0	5	2	0	0	3	
5AW4	5	59	20										1				60	4	3	0	0	5	2	0	0	3	
			20										2	5BZ7	5	50	73										1
5AX4	5	59	15										1				73									2	
5AZ4	5	610	31	2	4	0	0	8	0	0	0	2	1	5CG8	5	49	82									1	
			31	2	6	0	0	8	0	0	0	2	1				76									2	
5B8	5	610	60	4	8	9	6	5	7	0	15	1	1	5CL8	5	49	72									1	
			67	4	0	3	2	5	1	0	25	1	1				63									2	
5BE8	5	49	77										1	5CM6	5	26	65										1
			70										2	5CM8	5	610	59	4	7	6	2	5	3	0	18	1	1
5BK7	5	50	71										1				99	4	0	1	9	5	8	0	10	1	1
			71										2														1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test P. No.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test P. No.
5CQ8	5	36	73										1	5GM6	5	9	63										1
			63										2	5J6	5	10	62										1
5CR8	5	610	60	4	7	6	2	5	3	8	15	1	1				62									2	
			74	4	0	1	9	5	8	0	30	1	1	5N1039A	6	9	68										1
5CZ5	5	26	60										1	5R4	5	59	29										1
5DB4	5	59	21										1				29									2	
			21										2	5T4	5	59	19										1
5DH8	5	49	65										1				19									2	
			84										2	5T8	5	22	88										1
5EA8	5	36	72										1				67									2	
			57										2				72									3	
5EH8	5	38	71										1	5U4	5	59	21										1
			67										2				21									2	
5ES8	5	50	58										1	5U8	5	36	76										1
			58										2				56									2	
5EU8	5	610	68	4	9	1	7	5	8	0	15	1	1	5V3	5	59	19									1	
			59	4	0	3	2	5	6	0	20	1	1				19									2	
5FV8	5	49	66										1	5V4	5	59	16										1
			67										2				16									2	
5GH8	5	36	68										1	5V6	5	63	79										1
			56										2	5W4	5	59	13										1
<b>5AR4-5X4</b>														5X4	5	610	22	7	3	0	0	8	0	0	0	2	1
																	22	8	5	0	0	7	0	0	0	2	1

TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.
5X8	5	38	76										1	6AG5	6	9	80									1	
			75										2	6AG7	6	57	46									1	
5Y3	5	59	38										1	6AH4	6	4	92									1	
			38										2	6AH6	6	9	60									1	
5Y4	5	610	28	7	3	0	0	8	0	0	0	2	1	6AJ4	6	25	54									1	
			28	8	5	0	0	7	0	0	0	2	1	6AJ5	6	610	99	3	6	5	1	4	7	0	50	1	
5Z4	5	59	16										1	6AJ7	6	57	61									1	
			16										2	6AJ8	6	610	99	4	1	6	2	5	3	7	28	1	
5Z10	5	59	21										1				99	4	0	8	9	5	3	0	43	1	
			21										2	6AK5	6	9	68									1	
6A5	6	610	70	2	5	0	0	7	3	0	0	3	1	6AK6	6	9	83									1	
6A8	6	610	*99	2	4	3	10	7	8	1	20	1	1	6AK7	6	57	46									1	
			*TUBE GOOD IF READS 3000											6AK8	6	22	92										1
6AB4	6	5	72										1				67									2	
6AB7	6	57	75										1				72									3	
6AB8	6	610	78	4	8	6	9	5	3	7	20	1	1	6AL5	6	11	68									2	
			95	4	0	1	2	5	3	0	25	1	1				68									3	
6AC5	6	610	65	2	5	0	0	7	8	3	0	3	1	6AM4	6	25	77									1	
6AC7	6	57	61										1	6AM8	6	39	69									1	
6AD7	6	610	95	2	4	3	5	7	8	0	25	1	1				65								2		
			88	2	1	0	0	7	8	6	0	3	1	6AN4	6	7	80									1	
6AF3	6	45	13										1	6AN5	6	9	35									1	
6AF4	6	7	88										1													1	



TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Pos.								
6AN8	6	40	65										1	6AU4	6	44	13										1								
			63										2	6AU5	6	62	81										1								
6AQ5	6	8	85										1	6AU6	6	9	83										1								
6AQ6	6	19	87										1	6AU7	6	50	90										1								
6AQ7	6	42	96										1				90									2									
			87										2	6AU8	6	38	57										1								
			87										3				80									2									
6AQ8	6	50	82										1	6AV5	6	62	74										1								
			82										2	6AV6	6	19	92										1								
6AR5	6	8	93										1				91									2									
6AS5	6	12	57										1	6AW8	6	38	56										3								
6AS6	6	9	82										1				90									2									
6AS7	6	610	65	7	1	0	0	8	3	2	0	3	1	6AX2	6	53	99									1									
			65	7	4	0	0	8	5	6	0	3	1	6AX4	6	44	15									1									
6AS8	6	24	68										1	6AX5	6	59	27										1								
			66										2				27									2									
6AT6	6	19	92										1	6AX7	6	50	*91										1								
			93										2				*91									2									
			93										3				*TUBE GOOD IF OVER 1400																		
6AT8	6	49	80										1	6AX8	6	36	73										1								
			77										2				57										2								
<b>5X8-6AX8</b>																																			

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
6AZ8	6	48	66										1	6BC32	6	19	92									1	
			60										2				91								2		
6B8	6	610	99	2	6	3	10	7	8	0	17	1	1				91								3		
			88	2	4	0	0	7	8	0	0	3	1	6BD5	6	62	*89									1	
			88	2	5	0	0	7	8	0	0	3	1	*TUBE GOOD IF OVER 1250													
6B31	6	11	68										2	6BD6	6	9	86									1	
			68										3	6BE6	6	9	94									1	
6B32	6	11	68										2	6BE8	6	49	77									1	
			68										3				70								2		
6BA6	6	9	79										1	6BF5	6	8	54									1	
6BA7	6	610	*99	4	1	9	2	5	3	6	45	1	1	6BF6	6	19	87									1	
			*TUBE GOOD IF OVER 2000													91								2			
6BA8	6	38	55										1				91								3		
			82										2	6BG6	6	60	71									1	
6BC4	6	610	63	4	0	1	2	5	6	0	25	1	1	6BH6	6	9	91									1	
6BC5	6	9	73										1	6BH8	6	38	62									1	
6BC7	6	610	60	4	2	0	0	5	1	0	0	3	1				76								2		
			60	4	6	0	0	5	7	0	0	3	1	6BJ6	6	9	83									1	
			60	4	8	0	0	5	9	0	0	3	1	6BJ7	6	610	60	4	2	0	0	5	1	0	0	3	1
6BC8	6	50	71										1				60	4	6	0	0	5	7	0	0	3	1
			71										2				60	4	8	0	0	5	9	0	0	3	1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.											
6BJ8	6	610	80	4	0	7	8	5	9	0	35	1	1	6BN8	6	610	99	4	0	7	8	5	9	0	21	1	1											
			64	4	1	0	0	5	2	0	0	3	1				61	4	1	0	0	5	2	0	0	3	1											
			64	4	6	0	0	5	3	0	0	3	1				61	4	6	0	0	5	3	0	0	3	1											
6BK4	6	610	80	2	5	0	0	7	1	10	0	3	1	6BQ5	6	610	57	4	9	7	2	5	3	0	25	1	1											
6BK5	6	23	57										1	6BQ6	6	61	77										1											
6BK6	6	19	90										2	6BQ7	6	50	70										1											
			85										3				70									2												
6BK7	6	50	71										1	6BR8	6	49	78										1											
			71										2				71									2												
6BL4	6	44	10										1	6BS8	6	50	68										1											
6BL7	6	64	58										1				68									2												
			58										2	6BT6	6	19	92										1											
6BL8	6	36	65										1				93									2												
			56										2	6BT8	6	610	60	4	7	6	8	5	9	0	15	1	1											
6BM8	6	610	65	4	7	6	3	5	2	0	30	1	1				72	4	1	0	0	5	3	0	0	3	1											
			95	4	0	9	1	5	8	0	15	1	1				72	4	2	0	0	5	3	0	0	3	1											
6BN4	6	6	54										1	6BU6	6	19	92										1											
6BN5	6	610	86	4	9	7	1	5	3	8	25	1	1				91									2												
6BN6	6	18	95										1				91									3												
<b>6AZ8-6BU8</b>														6BU8	6	46	90																					1
																	90																			2		

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
6BV8	6	610	55	4	0	3	2	5	1	0	15	1	1	6BZ8	6	50	76										1
			60	4	6	0	0	5	8	0	0	3	1				76									2	
			60	4	9	0	0	5	7	0	0	3	1	6C4	6	5	75										1
6BW4	6	610	25	4	7	0	0	5	9	0	0	2	1	6C5	6	63	*92										1
			25	4	1	0	0	5	9	0	0	2	1	*TUBE GOOD IF OVER 1500													
6BW6	6	610	85	4	8	7	2	5	3	9	15	1	1	6C31	6	610	55	3	0	7	6	4	2	0	20	1	1
6BW8	6	610	76	4	8	9	6	5	7	0	18	1	1	6CA4	6	610	12	4	1	0	0	5	3	0	0	2	1
			60	4	1	0	0	5	2	0	0	3	1				12	4	7	0	0	5	3	0	0	2	
6BX7	6	64	55	4	3	0	0	5	2	0	0	3	1	6CA5	6	12	63										1
			55										2	6CA7	6	63	56										1
6BX8	6	50	65										1	6CB5	6	60	36										1
			65										2	6CB6	6	9	65										1
6BY5	6	610	16	2	4	0	0	7	1	0	0	2	1	6CC10	6	64	80										1
			16	2	5	0	0	7	8	0	0	2	1				80									2	
6BY6	6	9	92										1	6CCYZ	6	610	63	1	0	4	3	9	2	5	20	1	1
6BY7	6	610	65	4	8	7	2	5	1	9	20	1	1				63	1	0	6	7	9	8	5	20	1	
6BY8	6	610	75	4	8	7	1	5	9	2	15	1	1	6CD6	6	60	53										1
			61	4	6	0	0	5	3	0	0	3	1	6CE5	6	9	64										1
6BZ6	6	9	68										1	6CF6	6	9	67										1
6BZ7	6	50	73										1	6CG7	6	50	89										1
			73										2				89									2	
														6CG8	6	49	82										1
																	73									2	



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
6CH8	6	610	58	4	3	2	7	5	6	0	15	1	1	6CR8	6	610	65	4	7	6	2	5	3	8	18	1	1
			75	4	0	9	8	5	1	0	30	1	1				70	4	0	1	9	5	8	0	27	1	
6CJ6	6	610	78	4	8	10	2	5	3	6	99	1	1	6CS6	6	9	94										1
6CK4	6	43	72										1	6CS7	6	52	77										1
6CL5	6	60	55										1				99									2	
6CL6	6	51	41										1	6CU5	6	12	54										1
6CL8	6	49	72										1	6CU6	6	61	77										1
			63										2	6CU8	6	610	60	4	3	2	7	5	6	1	15	1	1
6CM6	6	26	65										1				65	4	0	9	8	5	1	0	25	1	
6CM7	6	20	90										1	6CW5	6	610	60	4	9	7	2	5	3	0	50	1	1
			99										2	6CW7	6	610	66	4	0	3	2	5	1	0	35	1	1
6CM8	6	610	59	4	7	6	2	5	3	0	18	1	1				66	4	0	9	6	5	8	0	35	1	
			99	4	0	1	9	5	8	0	10	1	1	6CX8	6	38	47										1
6CN7	6	35	94										1				82									2	
			68										2	6CY5	6	9	58										1
6CQ8	6	36	73										3	6CY7	6	610	65	4	0	1	3	5	9	0	99	1	1
			63										2				*99	4	0	6	7	5	8	0	15	1	
6CR6	6	610	99	3	6	5	7	4	1	0	25	1	1	*TUBE GOOD IF OVER 2600													
			85	3	2	0	0	4	1	0	0	3	1	6CZ5	6	26	60										1
														6D2	6	11	68										2
																	68										3
<b>6BV8-6D8</b>														6D4	6	610	16	3	7	0	1	4	5	0	30	2	1
														6D8	6	610	99	2	4	3	10	7	8	1	20	1	1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
6DA4	6	44	12										1	6DQ6	6	61	74									1	
6DA6	6	610	88	4	8	7	2	5	3	9	25	1	1	6DS5	6	8	81									1	
6DB5	6	26	40										1	6DT5	6	26	45									1	
6DB6	6	9	89										1	6DT6	6	9	96									1	
6DC6	6	9	67										1	6DT8	6	50	83									1	
6DC8	6	610	83	4	1	6	2	5	3	9	30	1	1				83								2		
			85	4	7	0	0	5	3	0	0	3	1	6DW5	6	26	25									1	
			85	4	8	0	0	5	3	0	0	3	1	6DZ7	6	610	60	2	4	6	5	7	8	0	15	1	1
6DE4	6	44	12										1				60	2	4	3	1	7	8	0	15	1	
6DE6	6	9	66										1	6EA5	6	9	77									1	
6DE7	6	33	88										1	6EA7	6	610	67	7	0	2	1	8	3	0	99	1	
			95										2				93	7	0	5	4	8	6	0	15	1	
6DG6	6	63	55										1	6EA8	6	36	72									1	
6DJ8	6	50	57										1				57								2		
			57										2	6EB5	6	11	68									2	
6DK6	6	9	62										1				68								3		
6DL5	6	8	90										1	6EB8	6	38	37									1	
6DN6	6	60	55										1				99								2		
6DN7	6	64	53										1	6EH5	6	12	58									1	
			77										2	6EH8	6	38	71									1	
6DR7	6	610	65	4	0	1	2	5	9	0	99	1	1				67								2		
			99	4	0	6	7	5	8	0	13	1	1	6EM5	6	26	53									1	
6DQ5	6	60	55										1													1	



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.			
6EM7	6	610	66	7	0	2	1	8	3	0	99	1	1	6EZ8	6	610	77	5	0	3	2	4	1	0	18	1	1			
			99	7	0	5	4	8	6	0	10	1	1				77	5	0	6	7	4	0	0	18	1				
6ER5	6	610	63	3	0	5	2	4	1	6	15	1	1				77	5	0	8	9	4	0	0	18	1				
6ES5	6	610	63	3	0	5	2	4	1	6	15	1	1	6F5	6	610	*99	2	0	4	10	7	8	0	10	1	1			
6ES8	6	50	58										1				*TUBE GOOD IF READS 2500													
6EU7	6	610	58										2	6F6	6	63	90									1				
			*99	1	0	6	5	2	4	0	10	1	1	6F10	6	57	61									1				
			*99	1	0	7	8	2	9	0	10	1	1	6F31	6	9	79									1				
6EU8	6	610	68	4	9	1	7	5	8	0	15	1	1	6F33	6	9	82									1				
			*TUBE GOOD IF READS 2200											6F36	6	9	60									1				
6EV5	6	9	59	4	0	3	2	5	6	0	20	1	1	6F40	6	610	84	4	8	7	9	5	1	3	20	1				
6EV7	6	50	52										1	6FE5	6	63	39									1				
			86										1	6FG5	6	610	99	3	6	5	1	4	2	0	10	1				
6EW6	6	9	86										2	6FH5	6	610	63	3	0	5	2	4	1	6	21	1				
6EW7	6	33	68										1	6FH8	6	610	85	5	7	1	6	4	0	0	20	1				
			85										1				85	5	7	8	6	4	0	0	20	1				
			99										2				80	5	7	9	6	4	0	0	20	1				
6EX6	6	60	45										1				70	5	0	3	2	4	0	0	25	1				
6EY6	6	63	72										1	6FM8	6	610	*99	4	0	9	8	5	7	0	10	1				
6EZ5	6	63	72										1				60	4	6	0	0	5	1	0	0	3	1			
													1				60	4	2	0	0	5	3	0	0	3	1			
													1				*TUBE GOOD IF READS 2200													
6DA4-6FQ5														6FQ5	6	610	55	3	0	5	2	4	1	0	20	1				

TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test P. os.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test P. os.
6FV6	6	9	53										1	6J7	6	610	95	2	4	3	10	7	8	5	20	1	1
6FV8	6	49	66										1	6K6	6	63	93										1
			67										2	6K7	6	610	99	2	4	3	10	7	8	5	15	1	1
6FW8	6	50	58										1	6K8	6	610	99	2	3	4	5	7	8	10	50	1	1
			58										2	6L5	6	610	95	2	0	3	5	7	8	0	30	1	1
6FY5	6	610	65	3	0	5	2	4	1	6	20	1	1	6L6	6	63	97										1
6G6	6	63	97										1	6L7	6	610	99	2	3	4	10	7	8	5	57	1	1
6GC5	6	26	25										1	6L10	6	57	46										1
6GC6	6	60	55										1	6L12	6	50	82										1
6GH8	6	36	68										1				82									2	
			56										2	6L41	6	610	62	4	6	1	8	5	7	3	20	1	1
6GM6	6	9	63										1	6L43	6	51	41										1
6GN8	6	38	35										1	6LD12	6	22	92										1
			*94										2				67									2	
			*TUBE GOOD IF READS 2000														72							3			
6GS8	6	46	99										1	6N7	6	610	95	2	0	3	4	7	8	0	15	1	1
			99										2				95	2	0	6	5	7	8	0	15	1	
6H6	6	610	65	2	3	0	0	7	4	0	0	3	1	6N8	6	610	95	4	1	6	2	5	3	9	30	1	1
			65	2	5	0	0	7	8	0	0	3	1				85	4	7	0	0	5	3	0	0	3	1
6J4	6	610	55	3	0	7	6	4	2	0	20	1	1				85	4	8	0	0	5	3	0	0	3	1
6J5	6	63	99										1	6NK7GT	6	57	85										1
6J6	6	10	67										1	6P5	6	63	97										1
			67										2	6P15	6	610	57	4	9	7	2	5	1	0	25	1	1



TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test P. os.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test P. os.
6Q7	6	610	99	2	0	3	10	7	8	0	15	1	1	6SD7	6	57	75										1
			90	2	5	0	0	7	8	0	0	3	1	6SF5	6	610	*99	7	0	5	3	8	2	0	10	1	1
			90	2	4	0	0	7	8	0	0	3	1	*TUBE GOOD IF READS 2000.													
6R7	6	610	87	2	0	3	10	7	8	0	15	1	1	6SF7	6	610	99	7	4	6	2	8	3	0	15	1	1
			85	2	5	0	0	7	8	0	0	3	1				92	7	5	0	0	8	3	0	0	3	1
6R8	6	610	85	2	4	0	0	7	8	0	0	3	1	6SG7	6	57	79										1
			87	4	0	9	8	5	7	0	20	1	1	6SH7	6	57	80										1
			61	4	1	0	0	5	7	0	0	3	1	6SJ7	6	57	85										1
			61	4	6	0	0	5	7	0	0	3	1	6SK7	6	57	85										1
			61	4	2	0	0	5	3	0	0	3	1	6SL7	6	64	*85										1
6S2	6	53	50										1				*85									2	
6S4	6	26	62										1	*TUBE GOOD IF READS 1200.													
6S7	6	610	99	2	4	3	10	7	8	5	27	1	1	6SN7	6	64	80										1
6S8	6	610	*99	7	0	6	10	8	2	0	10	1	1				80									2	
			87	7	1	0	0	8	2	0	0	3	1	6SQ7	6	58	98										1
			87	7	4	0	0	8	2	0	0	3	1				94									2	
			92	7	3	0	0	8	5	0	0	3	1				94									3	
			*TUBE GOOD IF READS 1800														87									1	
6SA7	6	56	97										1	6SR7	6	58	93										2
6SB7Y	6	56	93										1				93									3	
6SC7	6	610	*99	7	0	2	3	8	6	0	10	1	1	6SS7	6	57	90										1
<b>6FV6-6SS7</b>			*99	7	0	5	4	8	6	0	10	1	1														
			*TUBE GOOD IF READS 2000.																								

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
6ST7	6	58	92										1	6V8	6	610	99	4	0	1	6	5	3	0	11	1	1
			90										2			60	4	2	0	0	5	3	0	0	3	1	
			90										3			85	4	9	0	0	5	3	0	0	3	1	
6SU7	6	64	*87										1			60	4	7	0	0	5	8	0	0	3	1	
			*87										2	6W4	6	44	13									1	
6SV7	6	610	82	7	4	6	2	8	3	0	15	1	1	6W6	6	63	54									1	
			68	7	5	0	0	8	3	0	0	3	1	6W7	6	610	95	2	4	3	10	7	8	5	20	1	1
6T4	6	7	80										1	6X4	6	17	22									1	
6T8	6	22	92										1			22										2	
			67										2	6X5	6	59	20									1	
			72										3			20										2	
6U4	6	44	14										1	6X6	6	610	65	2	3	0	0	7	4	0	0	3	1
6U6	6	63	55										1			65	2	5	0	0	7	8	0	0	3	1	
6U8	6	36	76										1	6X8	6	38	76										1
			56										2			75										2	
6V3	6	45	13										1	6Y6	6	63	50										1
6V4	6	610	17	4	1	0	0	5	3	0	0	2	1	6Z31	6	17	22									1	
			17	4	7	0	0	5	3	0	0	2	1			22										2	
6V6	6	63	84										1	6ZY5	6	59	21										1
																21										2	
														7A4	6	68	76										1
														7A5	6	68	52										1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
7A6	6	610	68	1	3	0	0	8	2	0	0	3	1	7B7	6	68	90										1
			68	1	6	0	0	8	7	0	0	3	1	7B8	6	610	99	1	2	5	4	8	7	3	77	1	1
7A7	6	68	90										1	7C4	6	610	70	1	4	0	0	8	7	0	0	3	1
7A8	6	610	99	1	3	5	4	8	7	0	85	1	1	7C5	6	68	65										1
7AD7	6	610	70	1	3	2	6	8	7	4	25	1	1	7C6	6	610	*99	1	0	2	3	8	7	0	6	1	1
7AF7	6	69	78										1			95	1	5	0	0	8	7	0	0	3	1	
			78										2			95	1	6	0	0	8	7	0	0	3	1	
7AG7	6	68	97										1														
7AH7	6	68	97										1	7C7	6	68	89										1
7AJ7	6	68	89										1	7DJ8	7	50	57										1
7AK7	6	68	58										1			57										2	
7AN7	7	610	66	4	0	3	2	5	1	0	35	1	1	7E5	6	610	85	2	0	3	1	8	4	0	25	1	1
			66	4	0	9	6	5	8	0	35	1	1	7E6	6	610	94	1	0	2	3	8	7	0	25	1	1
7AU7	7	50	90										1			85	1	5	0	0	8	7	0	0	3	1	
			90										2			85	1	6	0	0	8	7	0	0	3	1	
7B4	6	610	*99	1	0	2	6	8	7	0	10	1	1	7E7	6	610	99	1	5	2	6	8	7	0	25	1	1
			*99													95	1	3	0	0	8	7	0	0	3	1	
7B5	6	68	87										1			95	1	4	0	0	8	7	0	0	3	1	
7B6	6	610	*99	1	0	2	3	8	7	0	10	1	1	7EY6	7	63	72									1	
			*99	1	5	0	0	8	7	0	0	3	1														
			90	1	6	0	0	8	7	0	0	3	1														
<b>6ST7-7EY6</b>																											

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.								
7F7	6	69	*84										1	7X6	6	610	13	1	3	0	0	8	2	0	0	2	1								
			*84										2				13	1	6	0	0	8	7	0	0	2	1								
			*TUBE GOOD IF READS 1200.																																
7F8	6	610	70	2	0	3	1	7	4	0	15	1	1	7X7	6	610	*99	1	0	2	3	8	4	0	10	1	1								
			70	2	0	6	8	7	5	0	15	1	1				61	1	5	0	0	8	4	0	0	3	1								
7G7	6	610	75	1	3	2	6	8	7	4	25	1	1				61	1	6	0	0	8	7	0	0	3	1								
7H7	6	68	80										1				*TUBE GOOD IF READS 1500.																		
7J7	6	610	65	1	6	0	0	8	7	2	0	3	1	7Y4	6	610	20	1	3	0	0	8	7	0	0	2	1								
			70	1	4	0	0	8	7	3	0	3	1				20	1	6	0	0	8	7	0	0	2	1								
7K7	6	610	99	1	0	3	4	8	2	0	11	1	1	7Z4	6	610	25	1	3	0	0	8	7	0	0	2	1								
			92	1	5	0	0	8	7	0	0	3	1				25	1	6	0	0	8	7	0	0	2	1								
7L7	6	610	92	1	6	0	0	8	7	0	0	3	1	8A8	9	36	65									1									
7N7	6	69	85	1	3	2	6	8	7	4	25	1	1	8AU8	8	38	60									2									
			77										2	8AW8	8	38	56									1									
7Q7	6	610	99	1	2	3	4	8	7	5	72	1	1				90								2										
7R7	6	610	95	1	5	2	6	8	7	0	25	1	1	8BA8	8	38	55									1									
			95	1	3	0	0	8	7	0	0	3	1				82									2									
			90	1	4	0	0	8	7	0	0	3	1	8BH8	8	38	62									1									
7S7	6	610	68	1	6	0	0	8	7	2	0	3	1				76									2									
			72	1	4	0	0	8	7	3	0	3	1	8BN8	8	610	99	4	0	7	8	5	9	0	21	1	1								
			73										1				61	4	1	0	0	5	2	0	0	3	1								
			72	1	3	2	6	8	5	7	22	1	1				61	4	5	0	0	5	3	0	0	3	1								



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.								
8BQ5	8	610	57	4	9	7	2	5	1	0	25	1	1	8CY7	8	610	65	4	0	1	3	5	9	0	99	1	1								
8BQ7	8	50	70										1			*99	4	0	6	7	5	8	0	15	1	1									
			70										2			*TUBE GOOD IF READS 2600.																			
8CG7	8	50	89										1	8DE7	8	33	88										1								
			89										2				95										2								
8CH8	8	610	58	4	3	2	7	5	6	0	15	1	1	8EB8	8	38	37										1								
			75	4	0	9	8	5	1	0	30	1	1				99										2								
8CM7	8	20	85										1	8EM5	8	26	53											1							
			99										2	8GN8	8	38	35											1							
8CN7	8	35	97										1				*94										2								
			68										2				*TUBE GOOD IF READS 2000.																		
8CS7	8	52	69										3	8SN7	8	64	80											1							
			77										1				80											2							
			99										2	9A8	9	36	65											1							
8CW5	8	610	60	4	9	7	2	5	3	0	50	1	1				56										2								
8CU8	8	610	60	4	3	2	7	5	6	1	15	1	1	9AK8	9	22	92											1							
			65	4	0	9	8	5	1	0	25	1	1				67											2							
8CX8	8	38	47										1				72											3							
			82										2	9AQ8	9	50	82											1							
																	82											2							
														9AU7	9	50	90											1							
																	90											2							

**7F7-9AU7**

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
9BR7	9	34	67										1	10/E/349	6	63	84									1	
			67										2	10/E/558	6	610	99	2	4	3	10	7	8	5	15	1	
			67										3	10/E/11448	6	63	99									1	
9BR8	9	49	78										1	10/E/11533	6	63	67									1	
			71										2	10/E/11581	6	610	*99	2	0	4	10	7	8	0	10	1	
9CL8	9	49	72										1	*TUBE GOOD IF READS 2500.													
			63										2	10EB8	10	38	37									1	
9J6	9	10	67										1				99									2	
			67										2	10EG7	10	610	62	7	0	2	1	8	3	0	99	1	
9U8	9	36	76										1				92	7	0	5	4	8	6	0	40	1	
			56										2	10EW7	10	33	85										1
9X8	9	38	76										1				99									2	
			75										2	11C5	12	12	58										1
10BQ5	10	610	57	4	9	7	2	5	1	0	25	1	1	11CY7	12	610	65	4	0	1	3	5	9	0	99	1	
10C8	10	40	60										1				*99	4	0	6	7	5	8	0	15	1	
			73										2	*TUBE GOOD IF READS 2600.													
10D2	19	11	68										2	12A4	12	610	51	4	0	9	2	5	1	0	30	1	
			68										3	12A6	12	63	94										1
10DE7	10	33	88										1	12A8	12	610	*99	2	4	3	10	7	8	1	20	1	
			95										2	*TUBE GOOD IF READS 3000.													
10DR7	10	610	65	4	0	1	2	5	9	0	99	1	1	12AB5	12	26	68									1	
			65	4	0	6	7	5	8	0	13	1	1	12AC6	12	610	63	3	1	0	0	4	7	5	0	3	
10E312	25	63	60										1	12AD6	12	610	60	3	1	0	5	4	2	6	0	3	

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
12AD7	12	50	91										1	12AT7	12	50	86										1
			91										2				86										2
12AE6	12	610	67	3	1	0	0	4	2	7	0	3	1	12AU5	12	62	81										1
			86	3	5	0	0	4	2	0	0	3	1	12AU6	12	9	83										1
			86	3	6	0	0	4	2	0	0	3	1	12AU7	12	50	90										1
12AE7	12	610	62	4	2	0	0	5	3	1	0	3	1				90									2	
			62	4	7	0	0	5	8	6	0	3	1	12AV5	12	62	70										1
12AF3	12	45	13										1	12AV6	12	19	92										1
12AF6	12	610	62	3	1	0	0	4	7	5	0	3	1				91									2	
12AG6	12	610	62	3	1	0	0	4	2	5	0	3	1				91									3	
12AJ6	12	610	63	3	1	0	0	4	2	7	0	3	1	12AV7	12	50	73										1
			91	3	5	0	0	4	2	0	0	3	1				73									2	
			91	3	6	0	0	4	2	0	0	3	1	12AW6	12	9	80										1
12AL5	12	11	68										2	12AW8	12	38	56										1
			68										3				90										2
12AL8	12	610	61	4	3	0	0	5	7	6	0	3	1	12AX4	12	44	15										1
			67	4	8	0	0	5	9	1	0	3	1	12AX7	12	50	*91										1
12AQ5	12	8	82										1				*91										2
12AS5	12	12	57										1	*TUBE GOOD IF READS 1200.													
12AT6	12	19	92										1	12AY7	12	50	97										1
			93										2				97										2
<b>9BR7-12AZ7</b>			93										3	12AZ7	12	50	84										1
																	84										2

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
12B4	12	21	78										1	12BR7	12	34	67									1	
12B7	12	68	90										1				67									2	
12BA6	12	9	79										1				67									3	
12BA7	12	610	99	4	1	9	2	5	3	6	45	1	1	12BT6	12	19	92									1	
12BC32	12	19	92										1				93									2	
			91										2				93									3	
			91										3	12BU6	12	19	92										1
12BD6	12	9	86										1				91									2	
12BE6	12	9	94										1				91									3	
12BF6	12	19	92										1	12BV7	12	37	46										1
			91										2	12BW4	12	610	25	4	7	0	0	5	9	0	0	2	1
			91										3				4	1	0	0	5	9	0	0	2	1	
12BH7	12	50	77										1	12BX7	12	64	55										1
			77										2				55									2	
12BK5	12	23	57										1	12BY7	12	37	47										1
12BK6	12	19	90										1	12BZ6	12	9	68										1
			85										2	12BZ7	12	50	97										1
			85										3				97									2	
12BL6	12	610	62	3	1	0	0	4	7	5	0	3	1	12C5	12	12	55										1
12BN6	12	18	95										1	12C8	12	610	*99	2	6	3	10	7	8	0	17	1	1
12BQ6	12	61	77										1				88	2	4	0	0	7	8	0	0	3	1
													1				88	2	5	0	0	7	8	0	0	3	1

\*TUBE GOOD IF READS 2600.



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	
12C8Y	12	610	99	2	6	3	10	7	8	0	17	1	1	12DF7	12	50	*91										1	
			88	2	4	0	0	7	8	0	0	3	1				*91										2	
			88	2	5	0	0	7	8	0	0	3	1															
12CA5	12	12	63										1	12DK7	12	610											1	
12CM6	12	26	65										1														1	
12CN5	12	610	61	3	2	0	0	4	1	6	0	3	1														1	
12CR6	12	610	99	3	6	5	7	4	1	0	25	1	1	12DL8	12	610	62	4	3	0	0	5	2	6	0	3	1	
			85	3	2	0	0	4	1	0	0	3	1				62	4	6	0	0	5	2	0	0	3	1	
12CS6	12	9	94										1				88	4	1	0	0	5	8	0	0	3	1	
12CT8	12	40	60										1	12DN6	12	60	55											1
			70										2	12DQ6	12	61	74											1
12CU5	12	12	54										1	12DQ7	12	37	37											1
12CU6	12	61	77										1	12DS7	12	610	62	4	3	0	0	5	8	6	0	3	1	
12CX6	12	610	60	3	1	0	0	4	7	5	0	3	1				90	4	1	0	0	5	8	0	0	3	1	
12D4	12	44	13										1				90	4	9	0	0	5	8	0	0	3	1	
12DE8	12	610	62	4	1	0	0	5	9	6	0	3	1	12DT5	12	26	45											1
			62	4	3	0	0	5	2	0	0	3	1	12DT7	12	50	*91											1
12DB5	12	26	40										1				*91										2	
12DF5	12	610	26	4	1	0	0	5	3	0	0	2	1															
			26	4	6	0	0	5	8	0	0	2	1	12DT8	12	50	83											1
													1				83											2

**12B4-12DT8**

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12DU7	12	610	60	4	1	0	0	5	2	6	0	3	1
			99	4	9	0	0	5	2	0	0	3	1
			99	4	7	0	0	5	2	0	0	3	1
12DV7	12	610	68	4	7	0	0	5	8	6	0	3	1
			99	4	2	0	0	5	1	0	0	3	1
12DV8	12	610	99	4	3	0	0	5	1	0	0	3	1
			62	4	3	0	0	5	2	6	0	3	1
			90	4	1	0	0	5	8	0	0	3	1
			90	4	9	0	0	5	8	0	0	3	1
12DW5	12	26	25										1
12DW7	12	50	90										1
			*85										2
12DW8	12	610	62	4	2	0	0	5	3	1	0	3	1
			62	4	7	0	0	5	8	6	0	3	1
			66	4	9	0	0	5	8	0	0	3	1
12DY8	12	610	60	4	1	0	0	5	2	6	0	3	1
			62	4	9	0	0	5	7	8	0	3	1
12DZ6	12	610	62	3	1	0	0	4	7	5	0	3	1
12E5	12	63	97										1
12EA6	12	610	62	3	1	0	0	4	7	5	0	3	1
12EC8	12	610	60	4	9	0	0	5	8	6	0	3	1
			60	4	1	0	0	5	3	2	0	3	1

\*TUBE GOOD IF READS 1200.

\*TUBE GOOD IF READS 2500.



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12FQ8	12	610	65	4	2	0	0	5	9	1	0	3	1
			65	4	2	0	0	5	9	3	0	3	1
			65	4	7	0	0	5	9	6	0	3	1
			65	4	7	0	0	5	9	8	0	3	1
12FR8	12	610	61	4	3	0	0	5	7	0	0	3	1
			*60	4	1	0	0	5	2	8	0	3	1
			*90	4	8	0	0	5	2	0	0	3	1
12FX8	12	610	60	4	2	0	0	5	7	3	0	3	1
			63	4	6	0	0	5	8	0	0	3	1
12G4	12	5	75										1
12GA6	12	610	62	3	1	0	0	4	2	6	0	3	1
12GC6	12	60	55										1
12H4	12	5	75										1
12H6	12	610	65	2	3	0	0	7	4	0	0	3	1
			65	2	5	0	0	7	8	0	0	3	1
12J5	12	63	99										1
12J7	12	610	95	2	4	3	10	7	8	5	20	1	1
12J8	12	610	62	4	1	0	0	5	2	6	0	3	1
			62	4	8	0	0	5	7	0	0	3	1
			62	4	9	0	0	5	7	0	0	3	1

**12DU7-12SF7**

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
12ED5	12	12	61										1
12EG6	12	610	61	3	1	0	0	4	2	5	0	3	1
12EH5	12	12	58										1
12EK6	12	610	62	3	1	0	0	4	7	5	0	3	1
12EL6	12	610	64	3	1	0	0	4	7	2	0	3	1
			91	3	5	0	0	4	7	0	0	3	1
			91	3	6	0	0	4	7	0	0	3	1
12EM6	12	610	63	4	1	0	0	5	2	6	0	3	1
			90	4	9	0	0	5	2	0	0	3	1
12EN6	12	63	51										1
12EZ6	12	610	62	3	1	0	0	4	7	5	0	3	1
12F5	12	610	*99	2	0	4	10	7	8	0	10	1	1
12F8	12	610	64	4	8	0	0	5	7	3	0	3	1
			84	4	1	0	0	5	7	0	0	3	1
			84	4	6	0	0	5	7	0	0	3	1
			79										1
12F31	12	9	79										1
12FK6	12	610	64	3	1	0	0	4	2	7	0	3	1
			85	3	5	0	0	4	2	0	0	3	1
			85	3	6	0	0	4	2	0	0	3	1
12FM6	12	610	62	3	1	0	0	4	2	7	0	3	1
			90	3	5	0	0	4	2	0	0	3	1
			91	3	6	0	0	4	2	0	0	3	1





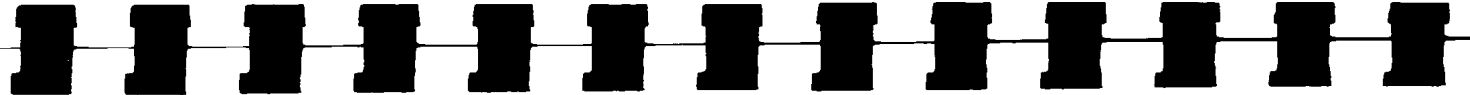
TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
17AX4	17	44	15										1	18J6	18	10	62									1	
17BQ6	17	61	77										1				62									2	
17C5	17	12	55										1	19AQ5	19	8	82									1	
17CA5	17	12	62										1	19AU4	19	44	13									1	
17CU5	17	12	54										1	19BG6	19	60	71									1	
17D4	17	44	13										1	19C8	19	22	93									1	
17DE4	17	44	12										1				68									2	
17DQ6	17	61	74										1				73									3	
17EW8	17	50	73										1	19CL8-A	19	49	73									1	
17H3	17	45	16										1				69									2	
17L6	17	63	55										1	19DE7	19	33	88									1	
17R5	17	12	53										1				95									2	
18A5	18	62	80										1	19EA8	19	36	72									1	
18AK5	18	9	68										1				57									2	
18AQ5	18	8	82										1	19DN6	19	60	55									1	
18C51	18	610	63	1	0	4	3	9	2	5	20	1	1	19E78	19	610	77	5	0	3	2	4	1	0	18	1	1
			63	1	0	6	7	9	8	5	20	1	1				77	5	0	6	7	4	0	0	18	1	1
18FW6	18	9	79										1				77	5	0	8	9	4	0	0	18	1	1
18FX6	18	9	93										1	19J6	19	10	62										1
18FY6	18	19	84										1				62									2	
			92										2	19T8	19	22	88										1
			92										3				67									2	
																	72									3	



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
19V8	19	610	99	4	0	1	6	5	3	0	11	1	1	25CD6	25	60	53										1
			60	4	2	0	0	5	3	0	0	3	1	25CU6	25	61	67										1
			85	4	9	0	0	5	3	0	0	3	1	25D4	25	44	13										1
			60	4	7	0	0	5	8	0	0	3	1	25DN6	25	60	55										1
19X8	19	38	76										1	25DQ6	25	61	74										1
			75										2	25DT5	25	26	45										1
20D1	9	11	68										2	25EC6	25	60	55										1
			68										3	25EH5	25	12	58										1
21A6	19	610	78	4	8	10	2	5	3	6	99	1	1	25F5	25	12	55										1
21EX6	22	60	45										1	25L6	25	63	55										1
22DE4	22	44	12										1	25SN7	25	64	80										1
25A6	25	63	80										1				80									2	
25AU4	25	44	13										1	25U4	25	44	14										1
25AV5	25	62	70										1	25W4	25	44	13										1
25AX4	25	44	15										1	25W6	25	63	54										1
25B6	25	610	82	2	4	3	5	7	8	0	99	1	1	25Z6	25	610	13	2	3	0	0	7	4	0	0	2	1
25BK5	25	23	57										1				13	2	5	0	0	7	8	0	0	2	1
25BQ6	25	61	77										1	26BK6	25	19	90										1
25C5	25	12	55										1				85									2	
25C6	25	63	56										1				85									3	
25CA5	25	12	62										1	26C6	25	19	92										1
																	91										2
																	91										3

**17AX4-26C6**

TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Post.	
28D7	30	610	86	1	3	5	7	8	6	0	40	1	1	45B5	50	610	60	4	9	7	2	5	3	0	50	1	1	
			86	1	3	4	7	8	6	0	40	1	1	45Z5	50	66	13										1	
30C1	9	610	*99	2	4	3	10	7	8	1	20	1	1	50A5	50	68	27										1	
			*TUBE GOOD IF READS 3000.											50B5	50	8	55											1
30L1	7	610	66	4	0	9	6	5	8	0	35	1	1	50BK5	50	23	57										1	
			66	4	0	9	6	5	8	0	35	1	1	50BM8	50	610	65	4	7	6	3	5	2	0	30	1	1	
32ET5	30	12	60										1				95	4	0	9	1	5	8	0	15	1	1	
35A5	35	68	41										1	50C5	50	12	55										1	
35B5	35	8	59										1	50C6	50	63	56										1	
35C5	35	12	58										1	50CA5	50	12	62										1	
35CD6	35	60	53										1	50CD6	50	60	53										1	
35EH5	35	12	58										1	50DC4	50	16	11										1	
35GL6	35	610	77	3	5	7	2	4	1	0	80	1	1	50EH5	50	12	58										1	
35L6	35	63	59										1	50FE5	50	63	39										1	
35W4	35	16	12										1	50L6	50	63	55										1	
35Y4	35	610	11	1	2	0	0	8	7	0	0	2	1	50X6	50	610	13	1	3	0	0	8	2	0	0	2	1	
35Z3	35	610	11	1	2	0	0	8	7	0	0	2	1				13	1	6	0	0	8	7	0	0	2	1	
35Z4	35	66	13										1	50Y6	50	610	13	2	3	0	0	7	4	0	0	2	1	
35Z5	35	66	13										1				13	2	5	0	0	7	8	0	0	2	1	
35Z6	35	610	13	2	3	0	0	7	4	0	0	2	1	50Y7	50	610	12	2	3	0	0	7	4	0	0	2	1	
			13	2	5	0	0	7	8	0	0	2	1				12	2	5	0	0	7	8	0	0	2	1	
36AM3	35	16	12										1	53KU	5	59	21										1	
40Z5	50	66	13										1				21									2		



TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sens-itivity	A	B	C	D	E	F	G	H	J	Test Post.
63EH5	50	12	60										1	1631	12	63	97										1
60FX5	50	12	81										1	1632	12	63	55										1
108C1	35	610	99	2		0	0	0	0	0	0	4	1	1634	12	610	*99	7	0	2	3	8	6	0	10	1	1
150C2	50	610	87	2		0	0	0	0	0	0	4	1				*99	7	0	5	4	8	6	0	10	1	
150C3	50	610	87	2		0	0	0	0	0	0	4	1				*TUBE GOOD IF READS 2000.										
213PEN	19	610	78	4	8	10	2	5	3	6	8	4	1	5565	6	610	13	3	6	0	1	4	2	5	10	2	1
403B	6	9	68										1	5566	6	610	13	3	6	0	1	4	2	5	10	2	1
1201	6	610	85	2	0	3	1	8	4	0	25		1	5567	6	57	61									1	
1203	6	610	70	1	4	0	0	8	7	0	0		1	5568	6	57	75									1	
1223	6	610	95	2	4	3	10	7	8	5	20		1	5569	6	610	13	2	3	0	5	7	8	6	15	2	1
1232	6	610	75	1	3	2	6	8	7	4	25		1	5591	6	9	68									1	
1273	6	610	87	1	3	2	6	8	7	4	15		1	5549	12	63	94									1	
1274	6	610	20	1	3	0	0	8	7	0	0	2	1	5654	6	9	68									1	
			20	1	6	0	0	8	7	0	0	2	1	5659	12	63	94									1	
1280	12	68	91										1	5661	12	57	85									1	
1611	6	63	93										1	5670	6	610	63	1	0	4	3	9	2	5	20	1	1
1614	6	63	72										1				63	1	0	6	7	9	8	5	20	1	1
1619	3	610	62	2	5	0	0	7	3	1	0	3	1	5679	6	610	68	1	3	0	0	8	2	0	0	3	1
1620	6	610	95	2	4	3	10	7	8	5	20	1	1				68	1	6	0	0	8	7	0	0	3	1
1621	6	63	93										1	5687	12	610	58	4	0	1	2	5	3	0	45	1	1
1622	6	63	67										1				58	4	0	9	7	5	6	0	45	1	1

28D7-5687

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
5691	6	64	*87										1	5915	6	9	92									1	
			*87										2	5920	6	10	54									1	
			*TUBE GOOD IF READS 1200.																						2		
5692	6	64	80										1	5931	5	9	21									1	
			80										2				21									2	
5693	6	57	85										1	5932	6	63	67									1	
5696	6	610	13	3	6	0	1	4	2	7	15	2	1	5961	6	56	97									1	
5725	6	9	82										1	5963	12	50	88									1	
5726	6	11	68										2				88								2		
			68										3	5964	6	10	67									1	
5727	6	610	13	3	6	0	1	4	2	5	10	2	1				67								2		
5749	6	9	79										1	5965	12	50	68									1	
5750	6	9	94										1				68								2		
5751	12	50	*91										1	5992	6	63	84									1	
			*91										2	6005	6	8	85									1	
			*TUBE GOOD IF READS 1200.																								
5763	6	610	62	4	6	1	8	5	7	3	20	1	1	6006	6	57	79									1	
5814-A	12	50	90										1	6042	6	64	80									1	
			90										2				80									2	
5824	25	610	82	2	4	3	5	7	8	0	99	1	1	6046	25	63	55									1	
5871	6	63	84										1													1	
5879	6	610	99	4	7	8	1	5	3	9	20	1	1													1	
5881	6	63	67										1													1	



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.								
6057	12	50	*91										1	6087	5	59	38										1								
			*91										2				38										2								
			*TUBE GOOD IF READS 1200.																																
6058	6	11	68										2	6095	6	9	68										1								
			68										3	6096	6	9	68										1								
6060	12	50	86										1	6097	6	11	68.										2								
			86										2				68										3								
6061	6	610	85	4	8	7	2	5	3	9	15	1	1	6100	6	5	75									1									
6062	6	610	62	4	6	1	8	5	7	3	20	1	1	6111	6	10	67									1									
6066	6	19	92										1				67									2									
			93										2	6113	6	64	*87										1								
			93										3				*87									2									
6067	12	50	90										1				*TUBE GOOD IF READS 1200.																		1
			90										2	6134	6	57	61											1							
6069	6	9	68										1	6135	6	5	75										1								
6072	12	50	97										1	6136	6	9	83										1								
			97										2	6137	6	57	85										1								
6080	6	610	65	7	1	0	0	8	3	2	0	3	1	6146	6	610	65	2	3	10	5	7	1	0	20	1	1								
			65	7	4	0	0	8	5	6	0	3	1	6147	6	63	67										1								
6085	12	50	87										1	6159	25	610	65	2	3	10	5	7	1	0	20	1	1								
			87										2	6180	6	64	80										1								
			87										1				80										2								
			*TUBE GOOD IF READS 1200.																																
													1	6186	6	9	80										1								
													2	6187	6	9	82										1								

**5691-6187**

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
6188	6	64	*85										1	6662	6	9	83									1		
			*85										2	6663	6	11	68									2		
			*TUBE GOOD IF READS 1200.																							3		
6189	12	50	69										1	6669	6	8	85									1		
			69										2	6677	6	51	41									1		
6197	6	51	41										1	6678	6	36	76									1		
6198	12	50	90										1				56								2			
			90										2	6679	12	50	86									1		
6201	12	50	86										1				86								2			
			86										2	6680	12	50	90									1		
6202	6	17	22										1				90								2			
			22										2	6681	12	50	*91									1		
6211	12	50	73										1				*91								2			
			73										2				*TUBE GOOD IF READS 1200											
6265	6	9	91										1	6829	12	50	68									1		
6267	6	610	99	4	1	6	9	5	3	8	24	1	1				68								2			
6336	6	610	70	7	0	2	1	8	3	0	95	1	1	6887	6	11	68								2			
			70	7	0	5	4	8	6	0	95	1	1				68								3			
6417	12	610	62	4	6	1	8	5	7	3	20	1	1	6919	6	610	62	3	2	0	0	4	5	0	0	3		
6485	6	9	60										1				62	3	7	0	0	4	1	0	0	3		
6550	6	63	56										1	6922	12	50	87									1		
6660	6	9	79										1				87								2			
6661	6	9	91										1	6973	6	26	63									1		



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
7000	6	610	95	2	4	3	10	7	8	5	20	1	1	7189	6	610	57	4	9	7	2	5	3	0	25	1	1	
7025	12	50	*91										1	7199	6	610	72	4	3	2	7	5	6	0	20	1	1	
			*91										2				74	4	0	1	9	5	8	0	30	1	1	
			*TUBE GOOD IF READS 1200																							1		
7027	6	610	62	2	1	3	6	7	8	0	15	1	1	7247	12	50	90									1		
													1				*94									2		
7036	6	9	92										1				*TUBE GOOD IF READS 1200											
7054	12	37	47										1	7258	12	40	65									1		
7055	12	11	68										2				63									2		
			68										3	7355	6	610	70	2	8	3	6	7	5	0	60	1	1	
7056	12	9	65										1	7408	6	63	84										1	
7057	12	50	73										1	7543	6	9	85										1	
			73										2	7581	6	63	67										1	
7058	12	50	*91										1	7687	6	36	77										2	
			*91										2				67											
			*TUBE GOOD IF READS 1200																									
7059	12	36	76										1	7695	50	610	79	4	1	9	6	5	7	0	99	1	1	
			56										2	7754	6	610	79	4	1	9	6	5	7	0	99	1	1	
7060	12	38	57										1	8016	1	65	55										1	
			80										2	9001	6	9	92										1	
7061	12	26	68										1	9002	6	610	99	3	0	1	6	4	2	0	35	1	1	
7167	12	9	58										1	9003	6	9	*84											
			*TUBE GOOD IF READS 1350																									
<b>6188-A863</b>														9006	6	610	74	3	1	0	0	4	2	0	0	3	1	
														A863	6	610	95	2	4	3	10	7	8	5	20	1	1	

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
A1834	6	610	65	7	1	0	0	8	3	2	0	3	1	B152	12	50	86									1	
			65	7	4	0	0	8	5	6	0	3	1				86								2		
AR18	6	610	99	2	0	3	10	7	8	0	15	1	1	B309	12	50	86									1	
			90	2	5	0	0	7	8	0	0	3	1				86								2		
			90	2	4	0	0	7	8	0	0	3	1	B319	7	610	66	4	0	3	2	5	1	0	35	1	1
ARDD3	6	610	65	2	3	0	0	7	4	0	0	3	1				66	4	0	9	6	5	8	0	35	1	
			65	2	5	0	0	7	8	0	0	3	1	B329	12	50	90										1
ARH1	6	610	99	2	3	4	10	7	8	5	57	1	1				90								2		
ARP15	6	610	99	2	4	3	10	7	8	5	15	1	1	B339	12	50	*91									1	
ARP16	6	610	95	2	4	3	10	7	8	5	20	1	1				*91								2		
ARP17	6	63	90										1	*TUBE GOOD IF READS 1600													
ARP32	6	63	84										1	B719	6	50	82									1	
ARP33	6	63	84										1				82								2		
ARTH-1	6	610	99	2	3	4	5	7	8	10	50	1	1	BPM04	6	8	85									1	
AU13	5	59	38										1	CV133	6	5	75									1	
			38										2	CV140	6	11	68									2	
AZ32	4	59	38										1				68								3		
			38										2	CV216	50	610	87	2	5	0	0	0	0	0	4	1	
B36	12	64	80										1	CV283	6	11	68									2	
			80										2				68								3		
B65	6	64	80										1	CV452	6	19	92									1	
			80										2				93								2		
													2				93								3		



TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV453	6	9	94										1	CV554	6	610	65	2	3	0	0	7	4	0	0	3	1
CV454	6	9	79										1				65	2	5	0	0	7	8	0	0	3	1
CV455	12	50	86										2	CV559	25	610	13	2	3	0	0	7	4	0	0	2	1
			86										1				13	2	5	0	0	7	8	0	0	2	1
CV491	12	50	90										2	CV561	35	63	59										1
			90										2	CV562	35	63	59										1
CV492	12	50	*91										1	CV565	35	610	11	1	2	0	0	8	7	0	0	2	1
			*91										2	CV567	35	66	13										1
			*TUBE GOOD IF READS 1200										CV568	35	66	13										1	
CV493	6	17	22										1	CV571	50	63	55										1
			22										2	CV572	6	59	20										1
CV511	6	63	84										1				20									2	
CV538	12	56	97										1	CV573	6	59	20										1
CV544	12	57	85										1				20									2	
CV547	12	58	98										1	CV574	6	59	20										1
			94										2				20									2	
			94										3	CV575	5	59	21										1
CV551	25	63	55										1				21									2	
CV552	25	63	55										1	CV578	6	610	99	2	4	3	10	7	8	1	20	1	1
CV553	25	63	55										1	CV579	6	610	99	2	4	3	10	7	8	1	20	1	1
													1	CV580	6	610	99	2	4	3	10	7	8	1	20	1	1
<b>A1834-CV582</b>														CV581	6	63	92										1
													1	CV582	6	63	92										1



TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.		
CV873	6	59	21										1	CV892	6	610	99	1	5	2	6	8	7	0	25	1	1		
			21										2				95	1	3	0	0	8	7	0	0	3	1		
CV876	6	610	68	1	3	0	0	8	2	0	0	3	1				95	1	4	0	0	8	7	0	0	3	1		
			68	1	6	0	0	8	7	0	0	3	1	CV893	6	69	*84											1	1
CV877	6	68	90										1				*84									2	2		
CV878	6	610	99	1	3	5	4	8	7	0	85	1	1	*TUBE GOOD IF READS 1200															
CV879	6	610	*99	1	0	2	6	8	7	0	10	1	1	CV894	6	610	75	1	3	2	6	8	7	4	25	1	1		
			*TUBE GOOD IF READS 2000											CV895	6	68	80											1	1
CV880	6	68	87										1	CV896	6	610	99	1	0	3	4	8	2	0	11	1	1		
CV881	6	68	87										1				92	1	5	0	0	8	7	0	0	3	1		
CV882	6	610	99	1	0	2	3	8	7	0	10	1	1				92	1	6	0	0	8	7	0	0	3	1		
			90	1	5	0	0	8	7	0	0	3	1	CV897	6	610	65	1	6	0	0	8	7	2	0	3	1		
			90	1	6	0	0	8	7	0	0	3	1				70	1	4	0	0	8	7	3	0	3	1		
CV883	6	610	99	1	2	5	4	8	7	3	77	1	1	CV898	6	69	77											1	1
CV885	6	68	65										1				77									2	2		
CV886	6	68	65										1	CV899	6	610	99	1	2	3	4	8	7	5	72	1	1		
CV887	6	610	99	1	0	2	3	8	7	0	6	1	1	CV900	6	610	95	1	5	2	6	8	7	0	25	1	1		
			95	1	5	0	0	8	7	0	0	3	1				95	1	3	0	0	8	7	0	0	3	1		
			95	1	6	0	0	8	7	0	0	3	1				90	1	4	0	0	8	7	0	0	3	1		
CV890	6	610	85	2	0	3	1	8	4	0	25	1	1	CV901	6	610	20	1	3	0	0	8	7	0	0	2	1		
CV891	6	610	94	1	0	2	3	8	7	0	25	1	1				20	1	6	0	0	8	7	0	0	2	1		
			85	1	5	0	0	8	7	0	0	3	1	CV910	12	610	*99	2	4	3	10	7	8	1	20	1	1		
			85	1	6	0	0	8	7	0	0	3	1	*TUBE GOOD IF READS 3000															



TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensi- tivity	A	B	C	D	E	F	G	H	J	Test Pos.	
CV915	12	610	99	2	0	0	0	0	0	0	0	0	1	CV945	6	610	99	1	0	0	0	0	0	0	0	0	1	
CV917	12	610	99	2	0	0	0	0	0	0	0	0	1	CV946	6	610	99	1	0	0	0	0	0	0	0	0	1	
CV918	12	610	99	2	0	0	0	0	0	0	0	0	1	CV947	6	610	99	1	0	0	0	0	0	0	0	0	1	
CV919	12	610	99	2	0	0	0	0	0	0	0	0	1	CV948	6	610	99	1	0	0	0	0	0	0	0	0	1	
			*TUBE GOOD IF READS 2000											CV949	6	610	99	1	0	0	0	0	0	0	0	0	0	1
CV920	12	610	*99	7	0	5	3	8	2	0	10	1	1	CV950	6	610	99	1	0	0	0	0	0	0	0	0	0	1
			*TUBE GOOD IF READS 2000											CV951	6	610	99	1	0	0	0	0	0	0	0	0	0	1
CV921	12	610	99	7	4	0	2	8	0	0	15	1	1	CV952	6	610	99	1	0	0	0	0	0	0	0	0	0	1
			92	7	5	0	0	8	0	0	15	1	1	CV953	6	610	99	1	0	0	0	0	0	0	0	0	0	1
CV922	12	57	80										1	CV954	6	610	99	1	0	0	0	0	0	0	0	0	1	
CV924	12	64	*87										2	CV955	5	610	95	2	0	3	4	7	8	0	15	1	1	
			*87										1				95	2	0	6	5	7	8	0	15	1	1	
			*TUBE GOOD IF READS 1200											CV1301	6	610	65	2	3	0	0	7	4	0	0	3	1	
CV925	12	64	80										1				65	2	5	0	0	7	8	0	0	3	1	
			80										2	CV1375	6	610	65	4	8	7	2	5	1	9	20	1	1	
CV930	12	69	*84										1	CV1377	5	59	21										1	
			*84										2				21									2		
			*TUBE GOOD IF READS 1200											CV1633	12	50	86											1
CV939	25	610	82	2	4	3	5	7	8	0	99	1	1				86									2		
			82	2	4	3	5	7	8	0	99	1	1	CV1649	6	63	*92										1	
<b>CV873-CV1649</b>														*TUBE GOOD IF READS 1500														

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.			
CV1741	6	63	56										1	CV1832	50	610	87	2	1	0	0	0	0	0	4	1				
CV1753	35	68	41										1	CV1833	35	610	90	2	1	0	0	0	0	0	0	4	1			
CV1757	6	9	92										1	CV1846	5	59	19									1	1			
CV1758	1	4	75										1				19									2	1			
CV1762	6	9	83										1	CV1849	5	59	13										1	1		
CV1763	6	610	55	3	0	7	6	4	2	0	20	1	1	CV1851	5	610	22	7	3	0	0	8	0	0	0	2	1	1		
CV1777	6	68	89										1	CV1851			22	8	5	0	0	7	0	0	0	2	1	1		
CV1784	6	57	46										1	CV1852	5	610	22	7	3	0	0	8	0	0	0	2	1	1		
CV1790	6	610	25	1	3	0	0	8	7	0	0	2	1	CV1852			22	8	5	0	0	7	0	0	1	1	1	1		
			25	1	6	0	0	8	7	0	0	2	1	CV1854	5	59	38											1	1	
CV1800	1	67	79										1				38										2	1		
CV1802	1	67	79										1	CV1856	5	59	38											1	1	
CV1803	1	67	75										1				38										2	1		
CV1805	1	67	75										1	CV1857	5	610	28	7	3	0	0	8	0	0	0	2	1	1	1	
CV1811	1	67	74										1	CV1857			28	8	5	0	0	7	0	0	0	2	1	1	1	
CV1818	1	67	80										1	CV1862	6	8	85											1	1	
CV1819	6	63	97										1	CV1863	5	59	16											1	1	
CV1820	1	67	80										1				16										2	1		
CV1821	1	67	84										1	CV1864	5	59	16											1	1	
CV1823	1	67	84										1				16										2	1		
CV1824	1	67	74										1	CV1873	6	57	75											1	1	
CV1826	1	67	74										1	CV1876	6	57	61											1	1	
CV1829	1	4	70										1																1	1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.			
CV1878	6	610	95	2	4	3	5	7	8	0	25	1	1	CV1929	6	610	65	2	3	0	0	7	4	0	0	3	1			
			88	2	1	0	0	7	8	6	0	3	1	CV1930	6	610	65	2	5	0	0	7	8	0	0	3	1			
CV1882	6	57	46										1	CV1930			65	2	3	0	0	7	4	0	0	3	1			
CV1893	6	610	99	2	6	3	10	7	8	0	17	1	1	CV1931	6	610	65	2	5	0	0	7	8	0	0	3	1			
			88	2	4	0	0	7	8	0	0	3	1	CV1931			65	2	3	0	0	7	4	0	0	3	1			
CV1894	6	610	88	2	5	0	0	7	8	0	0	3	1	CV1932	6	10	67					7	8	0	0	3	1			
			99	2	6	3	10	7	8	0	17	1	1	CV1932			67										2	1		
			88	2	4	0	0	7	8	0	0	3	1	CV1933	6	10	67											1	1	
			88	2	5	0	0	7	8	0	0	3	1	CV1933			67											2	1	
CV1895	50	610	56	2	5	0	0	0	0	0	0	4	1	CV1935	6	610	95	2	4	3	10	7	8	5	20	1	1			
CV1902	6	610	99	2	4	3	10	7	8	1	20	1	1	CV1936	6	610	95	2	4	3	10	7	8	5	20	1	1			
CV1908	6	610	*99	2	0	4	10	7	8	0	10	1	1	CV1937	6	610	95	2	4	3	10	7	8	5	20	1	1			
CV1909	6	610	*TUBE GOOD IF READS 2500										1	CV1938	6	63	93											1	1	
			*TUBE GOOD IF READS 2500										1	CV1940	6	63	93												1	1
CV1910	6	610	*99	2	0	4	10	7	8	0	10	1	1	CV1941	6	610	99	2	4	3	10	7	8	5	15	1	1	1	1	
			*TUBE GOOD IF READS 2500										1	CV1942	6	610	99	2	4	3	10	7	8	5	15	1	1	1	1	
CV1911	6	63	90										1	CV1943	6	610	99	2	4	3	10	7	8	5	15	1	1	1	1	
CV1912	6	63	90										1	CV1944	6	610	99	2	3	4	5	7	8	10	50	1	1	1	1	
CV1926	6	63	97										1	CV1945	6	610	99	2	3	4	5	7	8	10	50	1	1	1	1	
CV1928	12	9	79										1	CV1946	6	610	99	2	3	4	5	7	8	10	50	1	1	1	1	
<b>CV1741-CV1948</b>														CV1947	6	63	97												1	1
														CV1948	6	63	97												1	1



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	
CV1949	6	610	16	3	7	0	1	4	5	0	30	2	1	CV1969	6	610	*99	7	0	2	3	8	6	0	10	1	1	
CV1950	6	610	99	2	3	4	10	7	8	5	57	1	1				*99	7	0	5	4	8	6	0	10	1	1	
CV1951	6	610	99	2	3	4	10	7	8	5	57	1	1				*TUBE GOOD IF READS 2000.											
CV1956	6	610	95	2	0	3	4	7	8	0	15	1	1	CV1970	6	610	*99	7	0	2	3	8	6	0	10	1	1	
			95	2	0	6	5	7	8	0	15	1	1				*99	7	0	5	4	8	6	0	10	1	1	
CV1957	6	610	95	2	0	3	4	7	8	0	15	1	1				*TUBE GOOD IF READS 2000.											
			95	2	0	6	5	7	8	0	15	1	1	CV1972	6	610	*99	7	0	5	3	8	2	0	10	1	1	
CV1958	6	610	95	2	0	3	4	7	8	0	15	1	1				*TUBE GOOD IF READS 2000.											
			95	2	0	6	5	7	8	0	15	1	1	CV1973	6	610	*99	7	0	5	3	8	2	0	10	1	1	
CV1959	50	12	55										1				*TUBE GOOD IF READS 2000.											
CV1961	12	9	83										1	CV1974	6	610	99	2	4	3	10	7	8	5	27	1	1	
CV1962	6	610	87	2	0	3	10	7	8	0	15	1	1	CV1975	6	610	99	2	4	3	10	7	8	5	27	1	1	
			85	2	5	0	0	7	8	0	0	3	1	CV1976	6	56	97											
			85	2	4	0	0	7	8	0	0	3	1	CV1978	6	57	79											
CV1963	6	610	87	2	0	3	10	7	8	0	15	1	1	CV1981	6	57	85											
			85	2	5	0	0	7	8	0	0	3	1	CV1982	6	57	85											
			85	2	4	0	0	7	8	0	0	3	1	CV1985	6	64	*87											
CV1964	6	610	87	2	0	3	10	7	8	0	15	1	1				*87											
			85	2	5	0	0	7	8	0	0	3	1	CV1988	6	54	80											
			85	2	4	0	0	7	8	0	0	3	1				80											
CV1966	6	56	97										1	CV1990	6	58	98											
CV1967	6	56	97										1				94											
																	94											



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
CV1991	6	58	98										1	CV2526	6	19	92										1
			94										2				91									2	
			94										3				91									3	
CV1993	6	57	90										1	CV2534	50	63	55										1
CV1995	6	58	92										1	CV2704	6	610	85	2	0	3	1	8	4	0	25	1	1
			90										2	CV2706	6	610	70	1	4	0	0	8	7	0	0	3	1
			90										3	CV2714	6	63	72										1
CV1996	6	58	92										1	CV2716	6	610	*99	7	0	2	3	8	6	0	10	1	1
			90										2				*99	7	0	5	4	8	6	0	10	1	1
			90										3				*TUBE GOOD IF READS 2000.										
CV2128	6	610	99	4	1	6	2	5	3	7	28	1	1	CV2721	6	610	78	4	8	10	2	5	3	6	99	1	1
			99	4	0	8	9	5	3	0	43	1	1	CV2743	5	59	16										1
CV2129	6	610	62	4	6	1	8	5	7	3	20	1	1				16									2	
CV2136	6	610	85	4	8	7	2	5	3	9	15	1	1	CV2769	6	610	74	3	1	0	0	4	2	0	0	3	1
CV2370	3	4	72										1	CV2901	6	610	99	4	1	6	9	5	3	8	24	1	1
CV2390	3	4	66										1	CV2938	6	63	56										1
CV2500	35	66	13										1	CV2975	6	610	57	4	9	7	2	5	3	0	25	1	1
CV2507	1	4	76										1	CV2983	3	4	74										1
CV2522	6	9	82										1	CV2984	6	610	65	7	1	0	0	8	3	2	0	3	1
CV2524	6	9	83										1				65	7	4	0	0	8	5	6	0	3	1
														CV3512	6	610	13	3	6	0	1	4	2	7	15	2	1
														CV3523	6	610	65	2	3	10	5	7	1	0	20	1	1
														CV3798	50	610	56	2	5	0	0	0	0	0	0	4	1

**CV1949-CV3798**

TUBE TYPE	Heater	Socket	Sens. tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens. tivity	A	B	C	D	E	F	G	H	J	Test Pos.
CV3799	50	610	55	2	5	0	0	0	0	0	0	4	1	DD6	6	11	68									2	
CV4007	6	11	68										2	DF33	1	67	84									3	
CV4010	6	9	68										3	DF91	1	4	75									1	
CV4018	6	610	13	3	6	0	1	4	2	5	10	2	1	DF92	1	4	75									1	
CV4024	12	50	86										1	DF96	1	4	75									1	
D2M9	6	11	68										2	DF904	1	4	76									1	
D63	6	610	65	2	3	0	0	7	4	0	0	3	3	DH63	6	610	99	2	0	3	10	7	8	0	15	1	
D77	6	11	68										1				90	2	5	0	0	7	8	0	0	3	
D152	6	11	68										2	DH74	12	610	99	2	0	3	10	7	8	0	15	1	
DAC32	1	67	80										3				90	2	5	0	0	7	8	0	0	3	
DAF91	1	4	70										1	DH76	12	610	99	2	0	3	10	7	8	0	15	1	
DAF92	1	4	80										2				90	2	4	0	0	7	8	0	0	3	
DAF96	1	610	87	1	6	0	0	7	5	4	0	3	3	DH77	6	19	92	2	4	0	0	7	8	0	0	3	
DC90	1	610	78	1	5	0	0	7	2	0	0	3	1				93								2		
DCC90	3	610	72	1	3	0	0	7	2	0	0	3	1	DH107	19	19	92									1	
			72	7	5	0	0	1	6	0	0	3	1				93									2	
													1													3	



TUBE TYPE	Heater	Socket	Sens. tivity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sens. tivity	A	B	C	D	E	F	G	H	J	Test Pos.
DH49	6	610	65	1	0	2	3	8	7	0	0	0	1	EP6	6	610	68										1
DH710	6	22	92	1	5	0	0	8	7	0	0	0	1	DY30	6	610	68										1
DH719	6	22	67										2	DY30	6	610	68										1
			72										3	DY30	6	610	68										1
			92										1	DY36	6	610	68										1
			67										2	DY37	6	610	68										1
			72										3	EB30C	12	50	54										2
DK91	1	4	75										1	EB30C	12	50	54										2
DK96	1	4	70										1	EB30C	12	50	54										2
DL33	3	67	75										1	E900C	6	10	54										1
DL35	1	67	75										1	E91AA	6	11	68										3
DL36	1	67	74										1	E91N	6	610	13	3	6	0	1	4	2	5	10	2	1
DL91	1	4	70										1	EAA91	6	11	68										2
DL92	3	4	72										1				68									3	
DL93	3	4	66										1	EABC80	6	22	92										1
DL94	3	4	74										1				67									2	
DL95	3	4	74										1				72									3	
DL96	1	610	70	1	6	0	0	7	2	0	0	3	1	EB34	6	610	65	2	3	0	0	7	4	0	0	3	1
													1				65	2	5	0	0	7	8	0	0	3	1
													1	EB91	6	11	68										2
													1				68									3	

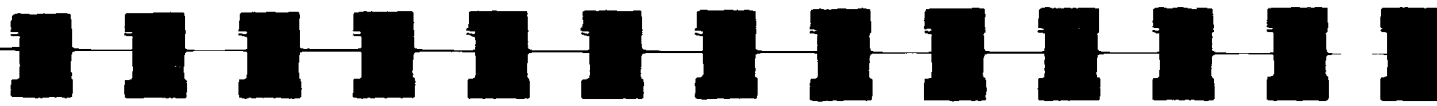
CV3799-EB91

TUBE TYPE	Heater	Socket	Sensitvity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitvity	A	B	C	D	E	F	G	H	J	Test Pos.	
EBC90	6	19	92										1	ECC84	6	610	66	4	0	3	2	5	1	0	35	1	1	
			93										2				66	4	0	9	6	5	8	0	35	1		
			93										3	ECC85	6	50	82										1	
EBC91	6	19	92										1				82									2		
			91										2	ECC86	6	610	62	4	2	0	0	5	3	1	0	3	1	1
			91										3				62	4	7	0	0	5	8	6	0	3		
EBF80	6	610	95	4	1	6	2	5	3	9	30	1	1	ECC88	6	50	57										1	
			85	4	7	0	0	5	3	0	0	3	1				57									2		
			85	4	8	0	0	5	3	0	0	3	1	ECC91	6	10	67										1	
EBF89	6	610	83	4	1	6	2	5	2	9	30	1	1				67									2		
			85	4	7	0	0	5	3	0	0	3	1	ECC189	6	50	58										1	
			85	4	8	0	0	5	3	0	0	3	1				58									2		
EC90	6	5	75										1	ECC801S	12	50	86										1	
EC92	6	5	72										1				86									2		
EC95	6	610	63	3	0	5	2	4	1	6	15	1	1	ECC802S	12	50	90										1	
ECC35	6	57	79										1				90									2		
ECC81	12	50	86										2	ECC960	6	10	54										1	
			86										2				54									2		
ECC82	12	50	90										1	ECF80	6	36	65										1	
			90										2				56									2		
ECC83	12	50	91										1	ECF82	6	36	76										1	
			91										2				56									2		



TUBE TYPE	Heater	Socket	Sensitvity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitvity	A	B	C	D	E	F	G	H	J	Test Pos.
ECH81	6	610	99	4	1	6	2	5	3	7	28	1	1	EL81	6	610	85	4	8	10	2	5	3	6	99	1	1
			99	4	0	8	9	5	3	0	43	1	1	EL84	6	610	85	4	8	7	2	5	3	0	25	1	1
ECL80	6	610	78	4	8	6	9	5	3	7	20	1	1	EL85	6	610	85	4	8	7	1	5	3	8	25	1	1
			95	4	0	1	2	5	3	0	25	1	1	EL86	6	610	85	4	8	7	2	5	3	0	50	1	1
ECL82	6	610	65	4	7	6	3	5	2	0	30	1	1	EL90	6	8	85										1
			95	4	0	9	1	5	8	0	15	1	1	EL95	6	8	95										1
ED2	6	11	68										2	EL820	6	610	85	4	8	10	2	5	3	6	99	1	1
			68										3	EY86	6	59	20										1
EF22	6	610	75	1	3	2	6	8	7	4	25	1	1	EZ35	6	59	20										2
EF85	6	610	65	4	8	7	2	5	1	9	20	1	1	EZ80	6	610	17	4	1	0	0	5	3	0	0	2	1
EF86	6	610	99	4	1	6	9	5	3	8	24	1	1				17	4	7	0	0	5	3	0	0	2	
EF89	6	610	88	4	8	7	2	5	3	9	25	1	1	EZ81	6	610	12	4	1	0	0	5	3	0	0	2	1
EF93	6	9	79										1				12	4	7	0	0	5	3	0	0	2	
EF94	6	9	83										1	EZ90	6	17	22										1
EF95	6	9	68										1				22									2	
EF96	6	9	80										1	G180,ZM	50	610	87	2	5	0	0	0	0	0	0	4	1
EF804	6	610	84	4	8	7	9	5	1	3	20	1	1	GZ-30	5	59	16										1
EH90	6	9	94										1				16									2	
EK90	6	9	94										1	GZ-32	5	59	16										1
EL34	6	63	56										1				16									2	
EL37	6	63	67										1	GZ-34	5	59	21										1
<b>EBC90-GZ-34</b>																	21									2	

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Post.
H63	6	610	*99	2	0	4	10	7	8	0	10	1	1	KT66	6	63	67									1	
HABC80	19	22	88	*TUBE GOOD IF READS 2500.										KT88	6	63	53									1	
			67										1	KTZ63	6	610	95	2	4	3	10	7	8	5	20	1	1
			72										2	L63	6	63	99									1	
HBC90	12	19	92										3	L77	6	5	75									1	
			93										1	LN152	6	610	78	4	8	6	9	5	3	7	20	1	
			93										2				95	4	0	1	2	5	3	0	25		
HBC91	12	19	92										3	LZ319	9	36	65									1	
			91										1				56								2		
			91										2	M8081	6	10	67									1	
HCC85	17	50	73										3				67								2		
			73										1	M8100	6	9	68									1	
HD14	1	67	80										2	N14	1	67	75									1	
HF93	12	9	79										1	N17	3	4	72									1	
HF94	12	9	83										1	N18	3	4	74									1	
HK90	12	9	94										1	N19	3	4	74									1	
HL90	19	8	82										1	N152	20	610	78	4	8	10	2	5	3	6	99	1	
HL92	50	12	55										1	N709	6	610	57	4	9	7	2	5	3	0	25	1	
HM04	6	9	94										1	NR67	6	610	99	2	3	4	10	7	8	5	57	1	
HY90	35	16	12										1	NR78	6	63	99									1	
KT32	25	63	55										1	NR78A	6	63	99									1	
KT63	6	63	93										1	NR81	6	610	99	2	4	3	10	7	8	5	15	1	
													1	NR83	6	610	95	2	4	3	10	7	8	5	20	1	



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Post.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Post.
NR85	6	63	93										1	OSW3111	6	57	85										1
NR95	25	63	55										1	OSW3112	6	63	99										1
NU20	5	59	38										1	PABC80	9	22	92										1
			38										2				67									2	
OBC3	12	58	98										1				72									3	
			94										2	PF9	6	610	99	2	4	3	10	7	8	5	15	1	
			94										3	PH4	6	610	*99	2	4	3	10	7	8	1	20	1	
OF1	6	610	99	2	4	3	10	7	8	5	27	1	1	*TUBE GOOD IF READS 3000.													
OH4	12	610	*99	2	4	3	10	7	8	1	20	1	1	PL820	16	610	78	4	8	10	2	5	3	6	99	1	
													1	PMC4	5	9	79									1	
OSWZ190	6	57	61										1	PMC5	6	9	68									1	
OSWZ192	6	57	46										1	PCC84	7	610	66	4	0	3	2	5	1	0	35	1	
OSW2601	6	57	46										1				66	4	0	9	6	5	8	0	35		
OSW2600	6	57	61										1	PCC85	9	50	82									1	
OSW3105	6	58	98										1				82								2		
			94										2	PCC88	7	50	57									1	
			94										3				57								2		
OSW3106	6	63	84										1	PCF80	9	36	65									1	
OSW3108	6	63	67										1				56								2		
OSW3109	6	610	65	2	3	0	0	7	4	0	0	3	1	PCF82	9	36	76								1		
			65	2	5	0	0	7	8	0	0	3	1				56								2		
<b>H63-PCL82</b>														PCL82	16	610	65	4	7	6	3	5	2	0	30	1	1
													1				95	4	0	9	1	5	8	0	15	1	

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
PL81	19	610	78	4	8	10	2	5	3	6	99	1	1	TS52	6	10	67									1	
QA240	6	5	75										1	U50	5	59	38									1	
QA2404	6	11	68										2	U52	5	59	21									1	
QA2406	12	50	86										1	U54	5	59	21									2	
QA2407	6	17	86										2	U78	6	17	22									1	
QA2408	6	64	22										1	U147	6	59	20									1	
QE03/10	6	610	62	4	6	1	8	5	7	3	20	1	1	U149	6	610	25	1	3	0	0	8	7	0	0	2	1
QE05/40	6	610	65	2	3	10	5	7	1	0	20	1	1	U709	6	610	25	1	6	0	0	8	7	0	0	2	1
QS150/40	50	610	87	2	5	0	0	0	0	0	0	4	1	UAA91	6	11	12	4	7	0	0	5	3	0	0	2	1
QV03/12	6	610	62	4	6	1	8	5	7	3	20	1	1	UABC80	30	22	68									1	
QV06/20	6	610	65	2	3	10	5	7	1	0	20	1	1	UCC84	22	610	66	4	0	3	2	5	1	0	35	1	1
R52	5	59	16										1				66	4	0	9	6	5	8	0	35	1	
SN7	1	65	55										1				66	4	0	9	6	5	8	0	35	1	
T2M05	6	10	67										2												1		
TM12	6	610	55	3	0	7	6	4	2	0	20	1	1												1		
TS51	6	9	68										1												1		



TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	
UCC85	25	50	82										1	VT88	6	610	87	2	0	3	10	7	8	0	15	1	1	
UCF80	25	36	82										2	VT90	6	610	85	2	5	0	0	7	8	0	0	3	1	
UCL82	50	610	56										2	VT91	6	610	85	2	4	0	0	7	8	0	0	3	1	
UL84	50	610	65	4	7	6	3	5	2	0	30	1	1	VT93	6	610	65	2	3	0	0	7	4	0	0	3	1	
UU12	6	610	95	4	0	9	1	5	8	0	15	1	1	VT94	6	63	65	2	5	0	0	7	8	0	0	3	1	
V2M70	6	17	60	4	9	7	2	5	3	0	50	1	1	VT96	6	610	95	2	4	3	10	7	8	5	20	1	1	
VP1321	12	610	12	4	1	0	0	5	3	0	0	2	1	VT97	5	59	88	2	6	3	10	7	8	0	17	1		
VR150/30	50	610	12	4	7	0	0	5	3	0	0	2	1	VT102	6	63	88	2	4	0	0	7	8	0	0	3	1	
VT52	7	63	22	4	7	0	0	5	3	0	0	2	1	VT103	6	58	99	2	5	0	0	7	8	0	0	3	1	
VT65	6	63	22										1	VT104	12	58	94										2	
VT66	6	63	93										1	VT105	6	610	94										3	
VT74	5	59	16										1				94									2		
VT86	6	610	16										2				98									1		
VT87	6	610	99	2	4	3	10	7	8	5	15	1	1				94									2		
	6	610	99	2	3	4	10	7	8	5	57	1	1				94									3		
<b>PL81-VT105</b>																	*99	7	0	5	4	8	6	0	10	1	1	
																	*TUBE GOOD IF READS 1000.											

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	E	F	G	H	J	Test Pos.
VT107	6	63	84										1	XC95	2	610	63	3	0	5	2	4	1	6	15	1	1
VT112	6	57	61										1	XCC189	4	50	58										1
VT114	5	59	19										1				58									2	
VT115	6	63	67										2	XL85	8	610	57	4	9	7	2	5	1	0	25	1	1
VT116	6	57	85										1	XXD	12	69	78										1
VT117	6	57	85										1				78									2	
VT124	1	67	79										1	XXFM	6	610	*99	1	0	2	3	8	4	0	10	1	1
VT125	1	67	75										1				61	1	5	0	0	8	4	0	0	3	1
VT126	6	59	20										1				61	1	6	0	0	8	7	0	0	3	1
			20										2	*TUBE GOOD IF READS 1500.													
W17	1	4	75										1	XXL	6	68	76										1
W149	6	68	90										1	Z14	1	67	84										1
W719	6	610	65	4	8	7	2	5	1	9	20	1	1	Z63	6	610	95	2	4	3	10	7	8	5	20	1	1
W727	6	9	79										1	Z729	6	610	99	4	1	6	9	5	3	8	24	1	1
X63 (M)	6	610	*99	2	4	3	10	7	8	1	20	1	1	ZD151	6	610	95	4	1	6	2	5	3	9	30	1	1
X73 (M)	6	610	*99	2	4	3	10	7	8	1	20	1	1				85	4	7	0	0	5	3	0	0	3	1
X155	6	50	76	*TUBE GOOD IF READS 3000.													85	4	8	0	0	5	3	0	0	3	1
			76	*TUBE GOOD IF READS 3000.													85	4	8	0	0	5	3	0	0	3	1
XB767A	6	610	13	2	3	0	5	7	8	6	15	2	1	ZD152	6	610	95	4	1	6	2	5	3	9	30	1	1