



**B&K** **DYNA-QUIK**  
**TUBE SELECTOR**



**INSTRUCTIONS FOR MODEL 650 DYNA-QUIK**

1. Look up type on panel or in tube index and set Heater switch.
2. Insert tube in proper socket.
3. Set Sensitivity control.
4. 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.
5. Advance function switch to Test 1. Read Test for mutual conductance on Good-Bad scale.
6. If tube is multiple section tube (e.g. 6A75 triode-diode) the second section is tested in Test 2, and the third section in Test 3 position of Function switch.
7. Life test can be made on each section by pushing On-Off switch to life test position.

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G.	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G.
					Good-Bad	True G.							Good-Bad	True G.	
1A5	1	67			79			1Q5	1	67			74		
1A7	1	67			79			1R5	1	4			75		
1AF4	1	4			75			1S2-A	1	53			50		
1AX2	1	53			100			1S4	1	4			70		
1B3	1	65			55			1S5	1	4			70		
1B7	1	67			75			1T4	1	4			75		
1C5	1	67			75			1U4	1	4			76		
1D8	1	67			74			1U5	1	4			80		
1DN5	1	4		1	75			1V2	1	47			62		
1F2	1	4		1	75			1X2	1	53			50		
1F3	1	4			70			2AF4	2	7			88	61	6600
1FD9	1	4			70			2B3	2	65			43		
1G3	1	65			55			2BN4	2	6			54	20	6800
1G6	1	67			73			2CY5	2	9			58	37	8000
1H2	1	53			61			2EA5	2	9			77	59	8000
1H5	1	67			80			2EN5	2	11					
1J3	1	65			89						Di.	2	60		
1K3	1	65			89						Di.	3	60		
1L4	1	4			75			2EV5	2	9			52	32	8800
1N5	1	67			84			2T4	2	7			80	60	7000
1P5	1	67			80			3A2	3	53			50		
1P10	3	4			72			3A3	3	65			67		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G.	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G.
					Good-Bad	True G.							Good-Bad	True G.	
3A4	3	4			66			3CE5	3	9			64	48	6200
3A8	3	67			75			3CF6	3	9			67	45	6200
3AF4	3	7			88	61	6600	3CS6	3	9			94	56	1100
3AL5	3	11						3CY5	3	9			58	37	8000
			Di.	2	68			3DK6	3	9			62	55	9800
			Di.	3	68			3DT6	3	9			96		
3AU6	3	9			83	56	5200	3EA5	3	9			77	59	8000
3AV6	3	19	Tri.	1	92	60	1600	3EV5	3	9			52	32	3800
			Di.	2	91			3Q4	3	4			74		
			Di.	3	91			3Q5	3	67			75		
3B2	3	65			80			3S4	3	4			72		
3BA6	3	9			79	46	4400	3V4	3	4			74		
3BC5	3	9			73	54	5700	4AU6	4	9			83	56	5200
3BE6	3	9			94			4AU8	4	38	Pent.	1	57	37	7000
3BN4	3	6			54	20	6800				Tri.	2	80	54	4900
3BN6	3	18			95			4BA6	4	9			79	46	4400
3BU8	3	46	Pent.	1	90			4BC5	4	9			73	54	5700
			Pent.	2	90			4BC8	4	50	Pent.	1	71	53	6200
3BY6	3	9			92	66	1900				Pent.	2	71	53	6200
3BZ6	3	9			65	40	6100	4BE6	4	9			94		
3C2	3	65			26			4BN4	4	6			54	20	6800
3CB6	3	9			75	56	6200	4BN6	4	18			95		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY			TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		
					Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>						Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>
4BQ7	4	50	Tri.	1	70	54	6000	5AM8	5	39	Pent.	1	69	55	7000
			Tri.	2	70	54	6000				Di.	2	65		
4BS8	4	50	Tri.	1	68	54	7200	5AN8	5	40	Pent.	1	65	42	6200
			Tri.	2	68	54	7200				Tri.	2	63	16	3300
4BU8	4	46	Pent.	1	90			5AQ5	5	8		1	85	85	4100
4BZ6	4	9		2	90			5AR4	5	59	Rect.	1	21		
4BZ7	4	50	Tri.	1	73	52	6800	5AS4	5	59	Rect.	2	21		
			Tri.	2	73	52	6800				Rect.	1	21		
4BZ8	4	50	Tri.	1	76	57	8000	5AS8	5	24	Pent.	1	68	41	6200
			Tri.	2	76	57	8000				Di.	2	66		
4CB6	4	9			75	56	6200	5AT8	5	40	Pent.	1	80	50	4600
4CE5	4	9			64	48	7600				Tri.	2	77	55	4000
4CS6	4	9			94	56	1100	5AU4	5	59	Rect.	1	20		
4CY5	4	9			58	37	8000				Rect.	2	20		
4DE6	4	9			66	41	6200	5AW4	5	59	Rect.	1	20		
4DK6	4	9			62	55	9800				Rect.	2	20		
4DT6	4	9			96			5AX4	5	59			15		
4ES8	4	50	Tri.	1	58	58	12500	5BE8	5	49	Pent.	1	77	54	5200
			Tri.	2	58	58	12500				Tri.	2	70	57	8500
4EW8	4	9			68	72	14000	5BK7	5	50	Tri.	1	71	59	9300
											Tri.	2	71	59	9300

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY			TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		
					Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>						Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>
5BQ7	5	50	Tri.	1	70	54	6000	5FV8	5	49	Pent.	1	66	51	6500
			Tri.	2	70	54	6000				Tri.	2	67	55	8000
5BR3	5	49	Pent.	1	78	54	5200	5GH8	5	36	Pent.	1	68	54	7500
			Tri.	2	71	58	3500				Tri.	2	56	44	8500
5BS8	5	50	Tri.	1	68	54	7200	5J6	5	10	Tri.	1	62	28	5300
			Tri.	2	68	54	7200				Tri.	2	62	28	5300
5BZ7	5	50	Tri.	1	73	52	6800	5R4	5	59	Rect.	1	29		
			Tri.	2	73	52	6800				Rect.	2	29		
5CG8	5	49	Pent.	1	82	53	4600	5T4	5	59	Rect.	1	19		
			Tri.	2	76	54	5800				Rect.	2	19		
5CL8	5	49	Tet.	1	72	48	5800	5T8	5	22	Tri.	1	88	47	1200
			Tri.	2	63	55	8000				Di.	2	67		
5CM6	5	26			65	23	4100				Di.	3	72		
5CQ8	5	36	Tet.	1	73	48	5800	5U4	5	59	Rect.	1	21		
			Tri.	2	63	37	3000				Rect.	2	21		
5CZ5	5	26			60	21	4800	5U8	5	36	Pent.	1	76	56	5200
5DH8	5	49	Pent.	1	65	55	3600				Tri.	2	56	40	8500
			Tri.	2	84	54	4400	5V3	5	59	Rect.	1	19		
5EA3	5	36	Pent.	1	72	54	6400				Rect.	2	19		
			Tri.	2	57	45	3500	5V4	5	59	Rect.	1	16		
5EH8	5	38	Pent.	1	71	52	6000				Rect.	2	16		
			Tri.	2	67	52	7500	5V6	5	63			79	46	4100

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
5W4	5	59			13			6AL5	6	11					
5X8	5	38	Pent.	1	76	47	4600				Di.	2	68		
			Tri.	2	75	55	5800				Di.	3	63		
5Y3	5	59	Rect.	1	38			6AM4	6	25			77	60	9800
			Rect.	2	38			6AM8	6	39	Pent.	1	69	55	7000
5Z4	5	59	Rect.	1	16						Di.	2	65		
			Rect.	2	16			6AN4	6	7			80	70	10000
6AB4	6	5			72	54	5500	6AN5	6	9			35	18	8000
6AB7	6	57			75	47	5000	6AN8	6	40	Pent.	1	65	42	6200
6AC7	6	57			61	55	9000				Tri.	2	63	16	3300
6AF3	6	45			13			6AQ5	6	8			85	85	4100
6AF4	6	7			88	61	6600	6AQ6	6	19			87	51	1200
6AG5	6	9			80	55	5000	6AQ7	6	42	Tri.	1	96	64	1600
6AG7	6	57			46	38	11000				Di.	2	87		
6AH4	6	43			92	59	4500				Di.	3	87		
6AH6	6	9			60	55	9000	6AQ8	6	50	Tri.	1	82	56	5900
6AJ4	6	25			54	40	10000				Tri.	2	82	56	5900
6AK5	6	9			68	34	5100	6AR5	6	8			93	34	2300
6AK6	6	9			83	61	2300	6AS5	6	12			57	24	5600
6AK8	6	22	Tri.	1	92	47	1200	6AS6	6	9			82	33	3200
			Di.	2	67			6AS8	6	24	Pent.	1	68	41	6200
			Di.	3	72						Di.	2	66		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
6AT6	6	19	Tri.	1	92	57	1300	6AX7			Tri.	2	91		1600
			Di.	2	93			6AX8	6	36	Pent.	1	73	38	4800
			Di.	3	93						Tri.	2	57	40	8500
6AT8	6	49	Pent.	1	80	50	4600	6AZ8	6	48	Pent.	1	66	47	6000
			Tri.	2	77	55	5800				Tri.	2	60	15	3300
6AU4	6	44			13			6BA6	6	9			79	46	4400
6AU5	6	62			81	56	5600	6BA8	6	38	Pent.	1	55	34	9000
6AU6	6	9			83	56	5200				Tri.	2	82	26	2700
6AU7	6	50	Tri.	1	90	65	2200	6BC5	6	9			73	54	5700
			Tri.	2	90	65	2200	6BC8	6	50	Tri.	1	71	53	6200
6AU8	6	38	Pent.	1	57	37	7000				Tri.	2	71	53	6200
			Tri.	2	80	54	4900	6BD5	6	62			89		5000
6AV5	6	62			74	47	5500	6BD6	6	9			86	62	2000
6AV6	6	19	Tri.	1	92	60	1600	6BE6	6	9			94		
			Di.	2	91			6BE8	6	49	Pent.	1	77	54	5200
			Di.	3	91						Tri.	2	70	57	8500
6AW8	6	38	Pent.	1	56	40	9000	6BF5	6	8			54	27	7500
			Tri.	2	90	57	4000	6BF6	6	19			87	60	1900
6AX4	6	44			15			6BG6	6	60			71	54	6000
6AX5	6	59	Rect.	1	27			6BH6	6	9			91	57	4600
			Rect.	2	27			6BH8	6	38	Pent.	1	62	41	7000
6AX7	6	50	Tri.	1		91	1600				Tri.	2	76	27	3300

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY			TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY			
					Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>						Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>	
6BJ6	6	9			83	38	3600	6BT6	6	19	Tri.	1	92	57	1300	
6BK5	6	23			57	43	8500				2	93				
6BK6	6	19	Tri.	1	90	50	1600	6BU6	6	19	Di.	3	93			
			Di.	2	85						Di.	1	92	60	1900	
			Di.	3	85						Tri.	2	91			
6BK7	6	50	Tri.	1	71	59	8500				3	91				
			Tri.	2	71	59	8500	6BU8	6	46	Pent.	1	90			
6BL4	6	44			10						2	90				
6BL7	6	64	Tri.	1	58	30	7000	6BX7	6	64	Pent.	1	55	30	7600	
			Tri.	2	58	30	7000				2	55	30	7600		
6BL8	6	36	Pent.	1	65	45	6200	6BY6	6	9			92	66	1900	
			Tri.	2	56	20	5000	6BZ6	6	9			68	40	6100	
6BN4	6	6			54	20	6800	6BZ7	6	50	Tri.	1	73	52	6800	
6BN6	6	18			95						2	73	52	6800		
6BQ6	6	61			77	56	5500	6BZ8	6	50	Tri.	1	76	57	8000	
6BQ7	6	50	Tri.	1	70	54	6000				2	76	57	8000		
			Tri.	2	70	54	6000	6C4	6	5			75	57	2200	
6BR8	6	49	Pent.	1	78	54	5200	6C5	6	63				90	2000	
			Tri.	2	71	59	8500	6CA5	6	12				63	56	9200
6BS8	6	50	Tri.	1	68	54	7200	6CA7	6	63				56	54	11000
			Tri.	2	68	54	7200	6CB5	6	60				46	26	8800
								6CB6	6	9				65	38	6200

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY			TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		
					Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>						Good-Bad	True G <sub>m</sub>	Stand. G <sub>m</sub>
6CD6	6	60			53	24	7700	6CS7	6	52	Tri.	1	77	45	4500
6CE5	6	9			64	48	6200				2	100	84	2200	
6CF6	6	9			67	45	6200	6CU5	6	12			54	25	7500
6CG7	6	50	Tri.	1	89	33	2600	6CU6	6	61			77	56	5500
			Tri.	2	89	33	2600	6CX8	6	38	Pent.	1	47	34	10000
6CG8	6	49	Pent.	1	82	53	4600				2	82	54	4600	
			Tri.	2	73	52	6800	6CY5	6	9			58	37	8000
6CK4	6	43			72	55	6500	6CZ5	6	26			60	21	4800
6CL5	6	60			55	22	6500	6DA4	6	44			12		
6CL6	6	51			41	32	11000	6DB5	6	26			40	22	8000
6CL8	6	49	Tet.	1	72	48	5800	6DB6	6	9			89		
			Tri.	2	63	55	8000	6DC6	6	9			67	40	5500
6CM6	6	26			65	23	4100	6DE4	6	44			12		
6CM7	6	20	Tri.	1	90	56	4400	6DE6	6	9			66	41	6200
			Tri.	2	100	82	2000	6DE7	6	33	Tri.	1	88	63	6500
6CN7	6	35	Tri.	1	94	56	1200				2	95	71	2000	
			Di.	2	68			6DG6	6	63			55	34	8000
			Di.	3	68			6DJ8	6	50	Tri.	1	57	57	12500
6CQ8	6	36	Tet.	1	73	48	5800				2	57	57	12500	
			Tri.	2	63	37	8000	6DK6	6	9			62	55	9800
6CS6	6	9			94	56	1100	6DN6	6	60			55	42	9000

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
6DN7	6	64	Tri.	1	53	29	7700	6ES8	6	50	Tri.	1	58	58	12500
			Tri.	2	77	60	2500				Tri.	2	58	58	12500
6DQ5	6	60			55	50	10500	6EV5	6	9			52	32	8800
6DQ6	6	61			74	57	6000	6EV7	6	50	Tri.	1	86	57	5200
6DS5	6	8			81	55	5800				Tri.	2	86	57	5200
6DT5	6	26			45	17	6200	6EW6	6	9			68	72	14000
6DT6	6	9			96			6EY6	6	63			72	74	4400
6DT8	6	50	Tri.	1	83	57	5500	6EZ5	6	63	Pent.	1	72	34	4100
			Tri.	2	83	57	5500	6F6	6	63			93	79	2500
6DW5	6	26			25	10	5500	6FV6	6	9			53	34	8000
6EA5	6	9			77	59	8000	6FV8	6	49	Pent.	1	66	51	6500
6EA8	6	36	Pent.	1	72	54	6400				Tri.	2	67	55	8000
			Tri.	2	57	45	8500	6G6	6	63			97	77	2300
6EB5	6	11						6GC6	6	60	Pent.	1	55	25	6600
			Di.	2	68			6GH8	6	36	Pent.	1	68	54	7500
			Di.	3	68						Tri.	2	56	44	8500
6EB8	6	38	Pent.	1	37	38	12500	6GM6	6	9	Pent.	1	63	64	13000
			Tri.	2	100	91	2700	6GN8	6	38	Pent.	1	35	29	11500
6EH5	6	12			58	62	14600				Tri.	2	94	94	2700
6EH8	6	38	Pent.	1	71	52	6000	6J5	6	63			100	87	2600
			Tri.	2	67	52	7500	6J6	6	10	Tri.	1	67	28	5300
6EM5	6	26			53	17	5100				Tri.	2	67	28	5300

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					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
6K6	6	63			93	73	2300	6SR7	6	58	Tri.	1	87	60	1900
6L6	6	63			67	46	6000				Di.	2	93		
6P5	6	63			97	61	1450				Di.	3	93		
6R8	6	22	Tri.	1	86	60	1900	6SS7	6	57			90	63	1850
			Di.	2	68			6ST7	6	58	Tri.	1	92	66	1900
			Di.	3	72						Di.	2	90		
6S4	6	26			62	21	4500				Di.	3	90		
6SA7	6	56			97			6SU7	6	64	Tri.	1		85	1600
6SB7Y	6	56			93						Tri.	2		85	1600
6SD7	6	57			75	30	4250	6SZ7	6	58	Tri.	1	94	57	1200
6SG7	6	57			79	39	4000				Di.	2	98		
6SH7	6	57			80	52	4900				Di.	3	98		
6SJ7	6	57			85	56	1650	6T4	6	7			80	60	7000
6SK7	6	57			85	61	2000	6T8	6	22	Tri.	1	92	47	1200
6SL7	6	64	Tri.	1		87	1600				Di.	2	67		
			Tri.	2		87	1600				Di.	3	72		
6SN7	6	64	Tri.	1	80	63	2600	6U4	6	44			14		
			Tri.	2	80	63	2600	6U6	6	63			55	20	6200
6SQ7	6	58	Tri.	1	98	62	1175	6U8	6	36	Pent.	1	76	56	5200
			Di.	2	94						Tri.	2	56	40	8500
			Di.	3	94			6V3	6	45			13		
								6V6	6	63			84	46	4100

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
6W4	6	44	Rect.	1	13	29	8000	7B7	6	68	Tri.	1	90	65	1750
6W6	6	63			54			65	4100						
6X4	6	17			22			52	1300						
6X5	6	59	Rect.	1	20	7DJ8	7	50	Tri.	2	57	57	12500		
			Rect.	2	20				57	57	12500				
6X8	6	38	Rect.	2	20	7EY6	7	63	Tri.	1	72	74	4400		
			Pent.	1	76						84	1600			
6Y6	6	63	Tri.	2	75	7F7	6	69	Tri.	2	84	1600			
			Tri.	2	55						84	1600			
6ZY5	6	59	Rect.	1	21	7H7	6	68	Tri.	1	80	44	4000		
7A4	6	68	Rect.	2	21						7N7	6	69	Tri.	2
					7A5	6	68	76	59	2600					
7A7	6	68	Tri.	1	52	8AU8	8	38	Pent.	1	60	46	7000		
7AF7	6	69			90						65	2000			
7AG7	6	68	Tri.	2	78	8AW8	8	38	Pent.	1	56	40	9000		
					7AH7						6	68	97	67	4200
7AK7	6	68	Tri.	1	97	8BA8	8	38	Pent.	2	55	34	9000		
7AU7	7	50			91						91	3300			
7B5	6	68	Tri.	2	58	8BH8	8	38	Pent.	1	62	41	7000		
					90						65	2200			
					87	69	2100	8CG7	8	50	Tri.	1	89	33	2600
											Tri.	2	89	33	2600

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
8CM7	8	20	Tri.	2	85	56	4400	9BR7	9	34	Tri.	1	67	35	5500
					100	82	2000								
8CN7	8	35	Tri.	2	97	56	1200	9BR3	9	49	Pent.	1	78	54	5200
					68										
					68										
8CS7	8	52	Tri.	1	77	45	4500	9CL8	9	49	Tet.	1	72	48	5800
					100	34	2200								
8CX8	8	38	Pent.	1	47	34	10000	9U8	9	36	Pent.	1	76	56	5200
					82	54	4600								
8DE7	8	33	Tri.	1	88	63	6500	9X8	9	38	Pent.	1	76	47	4600
					95	71	2000								
8EB3	8	38	Pent.	1	37	38	12500	10C8	10	40	Tri.	2	75	55	5800
					100	91	2700								
8EM5	8	26	Tri.	2	53	17	5100	10DE7	10	33	Tri.	1	88	38	6500
8GN8	8	38			Pent.	1	35						29	11500	
8SN7	8	64	Tri.	2	80	63	2200	10EB8	10	38	Pent.	1	37	38	12500
					80	63	2200								
9AU7	9	50	Tri.	1	90	65	2200	12A6	12	63	Tri.	2	100	91	2700
					90	65	2200								
			Tri.	2	90	65	2200	12AB5	12	26	Tri.	1	68	26	4100
					91	1600									
								12AD7	12	50	Tri.	2	91	1600	
								12AF3	12	45			13		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
12AL5	12	11	Di. Di.	2	68		4100	12AW8	12	38	Pent. Tri.	1	56 90	40 57	9000 4000
12AQ5	12	8		3	68			12AX4	12	44	Tri. Tri.	1	15	91	1600
12AS5	12	12			82	85		12AX7	12	50		2	91	1600	
12AT6	12	19	Tri. Di. Di.	1	92	57	1200	12AY7	12	50	Tri. Tri. Tri.	1	97	67	1750
12AT7	12	50		2	93			12AZ7	12	50		2	97	67	1750
				3	93			12B4	12	21		1	84	56	5500
12AU5	12	62	Tri. Tri.	1	86	60	5500	12BA6	12	9	Tri. Tri. Tri.	1	79	46	4400
12AU6	12	9		2	86	60	5500	12BD6	12	9		2	87	62	2000
12AU7	12	50			81	56	5600	12BE6	12	9			94		
12AV5	12	62	Tri. Di. Di.	1	90	65	2200	12BF6	12	19	Tri. Tri. Di.	1	87	60	1900
12AV6	12	19		2	90	65	2200	12BH7	12	50		2	77	60	3100
12AV7	12	50		3	70	47	5500	12BK5	12	23		Tri. Di. Di.	2	77	60
			1	92	60	1600	12BK6	12	19	1	57		43	8500	
12AW6	12	9	2	91						2	90		50	1600	
12AW8	12	9	3	91							3	85	85		
			1	73	59	8500	12BN6	12	18		95				
			2	73	59	8500	12BQ6	12	61		77	56	5500		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
12BR7	12	34	Tri. Di. Di.	1	67	35	5500	12DF7	12	50	Tri. Tri.	1	91	1600	
12BT6	12	19		2	67			12DN6	12	60		2	55	42	9000
				3	67			12DQ6	12	61		74	56	6000	
12BV7	12	37	Tri. Tri.	1	92	57	1300	12DQ7	12	37	Tri. Tri. Tri.	1	37	28	10500
12BX7	12	64		2	93			12DT5	12	26		2	45	17	6200
12BY7	12	37		3	93			12DT7	12	50		1	91	1600	
12BZ7	12	50	Tri. Tri.	1	46	47	13000	12DT8	12	50	Tri. Tri. Tri.	2	91	1600	
12CA5	12	12		2	55	30	7600	12DW5	12	26		1	83	57	5500
12CA5	12	12			55	30	7600	12DW7	12	50		2	83	57	5500
12CM6	12	26	Pent. Tri.	1	47	49	12000	12ED5	12	12	Pent.	1	25	10	5500
12CS6	12	9		2	97	57	3200	12EH5	12	12		2	90	65	2200
12CT8	12	40			97	57	3200	12EN6	12	63			61	53	8500
12CU5	12	12	Tri.	1	64	2000	12G4	12	5	Tri. Tri. Tri.	1	58	62	14600	
12CU6	12	61		2	63	56	4100	12GC6	12		60	1	75	19	2600
12D4	12	44			65	23	4100	12H4	12		5	1	55	25	6600
12DB5	12	26	Tri.	1	94	56	1100	12J5	12	63	Pent.	1	75	19	2600
				2	60	38	7000	12L6	12	63		1	100	87	2600
					70	25	4900	12R5	12	12			55	31	8000
				54	25	7500					53	25	7900		
				77	56	5500									



TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
12SA7	12	56			97	39	4000	12W6	12	63		1	54	29	8000
12SG7	12	57			79	52	4900	12X4	12	17	Rect.	1	22		
12SH7	12	57			80						Rect.	2	22		
12SJ7	12	57			85	56	1650	13DE7	13	33	Tri.	1	85	63	6500
12SK7	12	57			85	61	2000				Tri.	2	98	71	2000
12SL7	12	64	Tri.	1		87	1600	14A4	12	68			76	59	2600
			Tri.	2		87	1600	14A7	12	68			90	65	2000
12SN7	12	64	Tri.	1	80	62	2600	14C5	12	68			65	22	3750
			Tri.	2	80	63	2600	14C7	12	68			91	60	1575
12SQ7	12	58	Tri.	1	98	62	1175	14H7	12	68			80	44	4000
			Di.	2	94			16CL8	16	49	Pent. Tri.	1	72	48	5800
12SR7	12	58	Di.	3	94						Tri.	2	63	55	8000
			Tri.	1	87	60	1900	17AV5	17	62			70	47	5500
			Di.	2	93			17AX4	17	44			15		
			Di.	3	93			17BQ6	17	61			77	56	5500
12SW7	12	58	Tri.	1	86	60	1900	17C5	17	12			55	26	7500
			Di.	2	83			17CA5	17	12			62	56	9200
			Di.	3	93			17CU5	17	12			54	25	7500
12SX7	12	64	Tri.	1	79	62	2600	17D4	17	44			13		
			Tri.	2	79	62	2600	17DE4	17	44			12		
12SY7	12	56			95			17DQ6	17	61			74	57	6000
12V6	12	63			79	46	4100	17H3	17	45			16		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
17L6	17	63			55	31	8000	19J6	19	10	Tri.	1	62	28	5300
17R5	17	12			53	25	7000				Tri.	2	62	28	5300
18A5	18	62			80	55	4800	19T8	19	22	Tri.	1	88	47	1200
18FW6	18	9			79	42	4100				Di.	2	67		
18FX6	18	9			93						Di.	3	72		
18FY6	18	19	Tri.	1	84	51	1300	19X8	19	38	Pent. Tri.	1	76	47	4600
			Di.	2	92						Tri.	2	75	55	5800
			Di.	3	92			22DE4	22	44			12		
19AQ5	19	8			82	85	3700	25A6	25	63			80	60	2375
19AU4	19	44			13			25AV5	25	62			70	47	5500
19BG6	19	60			71	54	6000	25AX4	25	44			15		
19C8	19	22	Tri.	1	93	55	1250	25BK5	25	23			57	43	8500
			Di.	2	68			25BQ6	25	61			77	56	5500
			Di.	3	73			25C5	25	12			55	26	7500
19CL8	19	49	Tet.	1	73	55	6500	25C6	25	63			56	26	7100
			Tri.	2	69	56	8000	25CA5	25	12			62	56	9200
19DE7	19	33	Tri.	1	88	63	6500	25CD8	25	60			53	24	7700
			Tri.	2	95	71	2000	25CU6	25	61			67	40	5500
19DN6	19	60			55	42	9000	25D4	25	44			13		
19EA8	19	36	Pent.	1	72	54	6400	25DN6	25	60			55	42	9000
			Tri.	2	57	45	8500	25DQ6	25	61			74	37	8000
								25DT5	25	26			45	17	6200



TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>		
6113	6	64	Tri.	1		87	1600	6663	6	11						
			Tri.	2		87	1600				Di.	2	68			
6134	6	57				61	9000					3	68			
6135	6	5				75	2200	6669	6	8			85	85	3700	
6136	6	9				83	5200	6677	6	51			41	32	11000	
6137	6	57				85	61	2000	6678	6	36	Pent.	1	76	56	5200
6180	6	64	Tri.	1		80	63	2500			Tri.	2	56	40	8500	
			Tri.	2		80	63	2500	6679	12	50	Tri.	1	86	60	5500
6186	6	9				80	55	5000			Tri.	2	86	60	5500	
6189	12	50	Tri.	1		69	53	2200	6680	12	50	Tri.	1	90	65	2200
			Tri.	2		69	53	2200			Tri.	2	90	65	2200	
6197	6	51				41	32	11000	6681	12	50	Tri.	1		91	1600
6201	12	50	Tri.	1		86	60	5500			Tri.	2		91	1600	
			Tri.	2		86	60	5500	6829	12	50	Tri.	1	68	46	6700
6211	12	50	Tri.	1		73	26	3600			Tri.	2	68	46	6700	
			Tri.	2		73	26	3600	6887	6	11					
6265	6	9				91	57	4600			Di.	2	68			
6485	6	9				60	55	9000			Di.	3	68			
6550	6	63				56	54	11000	6973	6	26			63	25	4800
6660	6	9				79	46	4400	7025	12	50	Tri.	1		91	1600
6661	6	9				91	57	4600			Tri.	2		91	1600	
6662	6	9				83	38	3600								

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>		
7054	12	37				47	49	12000	9003	6	9			84	1800	
7055	12	11							B36	12	64	Tri.	1	80	63	2600
			Di.	2		68					Tri.	2	80	63	2600	
			Di.	3		68			B65	6	64	Tri.	1	80	63	2600
7056	12	9				65	38	6200			Tri.	2	80	63	2600	
7057	12	50	Tri.	1		73	52	6800	B152	12	50	Tri.	1	86	60	5500
			Tri.	2		73	52	6800			Tri.	2	86	60	5500	
7058	12	50	Tri.	1		91	1600		B309	12	50	Tri.	1	86	60	5500
			Tri.	2		91	1600				Tri.	2	86	60	5500	
7059	12	36	Pent.	1		76	56	5200	B329	12	50	Tri.	1	90	65	2200
			Tri.	2		56	40	8500			Tri.	2	90	65	2200	
7060	12	38	Pent.	1		57	37	7000	B339	12	50	Tri.	1		91	1600
			Tri.	2		80	54	4900			Tri.	2		91	1600	
7061	12	26				68	26	4100	BPMO4	6	8			85	85	3700
7167	12	9				58	37	8000	D77	6	11					
7247	12	50	Tri.	1		90	69	2200			Di.	2	68			
			Tri.	2		94	1600				Di.	3	68			
7258	12	40	Pent.	1		65	42	6200	D152	6	11					
			Tri.	2		63	16	3300			Di.	2	68			
7543	6	9				85	54	4500			Di.	3	68			
7581	6	63				67	46	6000	DAF91	1	4			70		
9001	6	9				92	57	1400								

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
DAF92 DD6	1 6	4 11	Di. Di.	2 3	80			EAA91	6	11		2	68		
					68			EABC80	6	22	Di. Tri. Di.	3 1 2	68 92 67	47	1200
DF33	1	67			75			EBC90	6	19	Di. Tri. Di. Di.	3 1 2 3	72 92 93 93	57	1300
DF91	1	4			75			EBC91	6	19	Tri.	1	92	60	1600
DF92	1	4			75						Di. Di.	2 3	91 91		
DF96	1	4			75			EC-90	6	5			75	57	2200
DF904	1	4			76			EC-92	6	5			72	54	5500
DH77	6	19	Tri.	1	92	57	1300	ECC-81	12	50	Tri.	1	86	60	5500
			Di. Di.	2 3	93 93						Tri.	2	88	60	5500
DK91	1	4			75			ECC-82	12	50	Tri.	1	90	65	2200
DL33	3	67			75						Tri.	2	90	65	2200
DL36	1	67			74			ECC-83	12	50	Tri.	1		91	1600
DL92	3	4			72						Tri.	2		91	1600
DL93	3	4			66			ECC85	6	50	Tri.	1	82	56	5900
DL94	3	4			74						Tri.	2	82	56	5900
DL95	3	67			74										
DP61	6	9			68	34	5100								
DY30	1	65			64										
DY86	1	53			50										

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good-Bad	True G <sub>m</sub>							Good-Bad	True G <sub>m</sub>	
ECC88	6	50	Tri.	1	57	57	12500	GZ-32	5	59	Rect.	1	16		
			Tri.	2	57	57	12500				Rect.	2	16		
ECC189	6	50	Tri.	1	58	58	12500	GZ-34	5	59	Rect.	1	21		
			Tri.	2	58	58	12500				Rect.	2	21		
ECF80	6	36	Pent.	1	65	45	6200	HL90	19	8			85	85	3700
			Tri.	2	56	20	5000	HL92	50	12			55	29	7500
ECF82	6	36	Pent.	1	76	56	5200	HMO4	6	9			94		
			Tri.	2	56	40	8500	HY90	35	16			12		
ED2	6	11						KT32	25	63			55	31	8000
			Di.	2	68			KT63	6	63			93	75	2500
			Di.	3	68			KT66	6	63			67	46	6000
EF93	6	9			79	46	4400	L77	6	5			75	57	2200
EF94	6	9			83	56	5200	N18	3	4			74		
EF95	6	9			68	34	5100	N77	6	11					
EF96	6	9			80	55	5000				Di.	2	68		
EH90	6	9			94	56	1100				Di.	3	68		
EK-90	6	9			94			PCC88	7	50	Tri.	1	57	57	12500
EL-34	6	63			56	54	11000				Tri.	2	57	57	12500
EL-37	6	63			67	46	6000	PCF82	9	36	Pent.	1	76	56	5200
EL90	6	8			85	85	3700				Tri.	2	56	40	8500
EZ90	6	17	Rect.	1	22			U50	5	59	Rect.	1	38		
			Rect.	2	22						Rect.	2	38		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G <sub>m</sub>
					Good- Bad	True G <sub>m</sub>							Good- Bad	True G <sub>m</sub>	
U52	5	59	Rect.	1	21			X155	6	50	Tri.	1	76	57	8000
			Rect.	2	21						Tri.	2	76	57	8000

### INDEX MOUNTING INSTRUCTIONS

Remove old index and discard. Do not remove mounting board.  
Mount new index in same position as old index on mounting board.