

HEATHKIT TUBE DATA SERVICE
P. O. BOX 377
HEWLETT, L. I., N. Y. 11557

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| MODEL TT-1/A NEW TUBE RELEASES for use with 1-1-71 ROLL CHART |
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| TUBE | PLATE | BIAS | FIL. | METER | SIG. | SELECTORS | R. P. | REMARKS |
|---------|-------|------|------|-------|------|-----------------|-------|--|
| 1AD2 | F | - | 1.1 | 41 | D | 70000-0000-006 | - | Plate cap; F |
| 1BY2 | E | - | 1.4 | 50 | D | 70000-0000-006 | - | Di;plate cap; F |
| 2DL4 | D | 10L | 2.5 | 34 | 8 | G1076-0530-000 | 1300 | Tr;G1, G2 |
| 2EA5 | D | 10L | 2.5 | 33 | 4 | 5K763-4100-000 | 1300 | K1;K2 |
| 2FQ5 | D | 12L | 2.5 | 39 | 8 | K5763-2100-000 | 1300 | Tr;K1&K2;X6 |
| 3BL2 | E | - | 3.3 | 33 | D | 70000-0000-006 | - | Di;plate cap;F |
| 3BW2 | E | - | 3.3 | 38 | D | 70000-0000-006 | - | Di;plate cap;F |
| 3DH3 | E | - | 3.3 | 40 | D | 00700-0060-000 | - | Plate cap; F |
| 3EA5 | D | 10L | 3.3 | 33 | 4 | 5K763-4100-000 | 1300 | K1, K2 |
| 3FQ5 | D | 12L | 3.3 | 39 | 8 | K5763-2100-000 | 1300 | Tr;K1&K2;X6 |
| 3M-R24 | D | 17L | 3.3 | 42 | 8 | 51763-4200-000 | 1250 | Pe;X5 |
| 3M-V7 | D | 13L | 3.3 | 30 | 4 | 51763-4200-000 | 1300 | Pe;X4 |
| 5FV8 | D | 13L | 5 | 30 | 4 | 00076-3415-000 | 1050 | Pe;X4 |
| 5FV8 | D | 13L | 5 | 37 | 4 | 53176-0000-000 | 1300 | Tr;X4 |
| 5GX6 | D | 13L | 5 | 44 | 4 | 51763-4200-000 | 1200 | Pe;X2 |
| 5MQ8 | D | 10L | 5 | 33 | 4 | 30076-0015-000 | 1170 | Tr;X6 |
| 5MQ8 | D | 13L | 5 | 33 | 4 | 05476-3100-000 | 1200 | Pe;X8 |
| 5R-HR1 | C | 6L | 5 | 39 | 4 | 05476-3100-000 | 1300 | Pe;X5 |
| 5R-HR1 | C | 12L | 5 | 44 | 4 | 30076-0015-000 | 1300 | X3 |
| 6BA3 | E | - | 6.3 | 25 | R | 03076-0P01-000 | - | P1&P2 |
| 6B-B14* | C | 18H | 6.3 | 40 | 8 | G5K76-4010-000 | 1100 | Magnoval*;Pe; plate cap;K1&K2; G1&G2 |
| 6DL3 | E | - | 6.3 | 28 | R | 13076-0P00-000 | - | Connect aux. lead from pin #1 of octal socket to cathode cap;P1&P2 |
| 6EA5 | D | 10L | 6.3 | 33 | 4 | 5K763-4100-000 | 1300 | K1, K2 |
| 6EN4 | A | - | 6.3 | 44 | D | 17003-0600-000 | - | Plate cap;emission test |
| 6FA7 | C | 0L | 6.3 | 41 | 1 | P0076-1543-000 | 1000 | P1&P2 |
| 6FA7 | B | - | 6.3 | 27 | D | 00376-1000-000 | - | Di |
| 6HZ5 | F | 6L | 6.3 | 17 | 2 | 7G210-0300-056 | 900 | Pe;G1&G2 |
| 6JC5 | F | 41H | 6.3 | 43 | 4 | 7G410-3005-4K6 | 1137 | Pe;K1, G1&K2, G2;X2 |
| 6JD5 | F | 6L | 6.3 | 17 | 2 | 7G210-0300-056 | 900 | Pe;G1&G2 |
| 6JT6 | D | 50H | 6.3 | 36 | 4 | 45176-2403-000 | 1150 | Pe;X4 |
| 6LD6 | D | 15L | 6.3 | 20 | 8 | 15276-4300-000 | 900 | Pe |
| 6LV6 | C | 50H | 6.3 | 38 | 4 | 7142G-0005-006 | 1100 | Plate cap;G1&G2;Pe |
| 6M-L4 | C | 23L | 6.3 | 44 | 8 | 35761-GP00-000 | 1070 | P1, G1&P2, G2;X4 |
| 6M-P20 | D | 15H | 6.3 | 34 | 4 | 51763-4000-000 | 1105 | Pe;X5 |
| 6MV8 | D | 10L | 6.3 | 44 | 8 | 00076-1543-1300 | 1300 | Pe;X5 |
| 6MV8 | F | 20L | 6.3 | 39 | 2 | 15376-0000-000 | 1200 | Tr;X2 |
| 7DJ8 | C | 14L | 7.5 | 36 | 8 | PGK76-3512-000 | 1020 | K1, P1, G1&K2, P2, G2;X7 |
| 8JT8 | F | 15L | 7.5 | 41 | 2 | 15376-0000-000 | 1300 | Tr;X2 |
| 8JT8 | A | - | 7.5 | 40 | D | 00076-1333-000 | - | Emission test;Pe |
| 8K11 | F | 18H | 7.5 | 44 | 2 | 70010-0005-306 | 1430 | Tr. #1 |
| 8K11 | F | 17L | 7.5 | 45 | 2 | 7PK03-1500-0G6 | 1040 | K1, G1, P1&K2, P2, G2 |
| 10LD6 | D | 15L | 10 | 20 | 8 | 15276-4300-000 | 900 | Pe |
| 12AC10 | F | 12H | 13 | 37 | 1 | 7PK10-0005-3G6 | 1182 | K1, P1, G1&K2, P2, G2 |
| 12AC10 | F | 12H | 13 | 37 | 1 | 70003-1500-006 | 1182 | Tr. #2;X3 |
| 12DK6 | D | 15L | 13 | 42 | 8 | 51763-4200-000 | 1250 | Pe;X5 |
| 12DT6 | C | 13L | 13 | 46 | 4 | 51763-4200-000 | 520 | Pe;X1 |

(OVER)

| TUBE | PLATE | BIAS | FIL. | METER | SIG. | SELECTORS | R. P. | REMARKS |
|--|-------|------|------|-------|------|----------------|-------|--|
| 12EQ7 | C | 9L | 13 | 30 | 2 | 15176-4301-000 | 1225 | Pe;X2 |
| 12EQ7 | A | - | 13 | 47 | D | 10176-0031-000 | - | Di |
| 12GV5 | D | 41H | 13 | 45 | 8 | 704KG-0405-146 | 1180 | Plate cap;K1, G1&K2, G2;X4 |
| 12JM6 | F | 50H | 13 | 35 | 4 | 71425-0000-206 | 1560 | Pe;plate cap;X4 |
| 16HB5 | D | 45H | 13 | 42 | 8 | 74GK0-0300-156 | 1180 | K1, G1&K2;G2;X5 |
| 16LD6 | D | 15L | 13 | 20 | 8 | 15276-4300-000 | 900 | Pe |
| 16MY8 | F | 40L | 13 | 25 | 1 | 73000-0000-516 | 1130 | Tr. X2 |
| 16MY8 | D | 25H | 13 | 27 | 4 | 70030-G541-006 | 1100 | Pe;G1&G2;X5 |
| 17BQ6 | D | 30H | 20 | 33 | 4 | 07045-0610-000 | 1190 | Plate cap;X3 |
| 19CL8 | D | 10L | 20 | 30 | 4 | 00076-3415-000 | 1040 | Tet;X4 |
| 19CL8 | D | 11L | 20 | 27 | 4 | 53176-0000-000 | 1170 | Tr;X5 |
| 19EZ8 | D | 14L | 20 | 37 | 4 | 00076-PG35-000 | 700 | P1, G1, P2, G2;X4;F |
| 19EZ8 | D | 14L | 20 | 37 | 4 | 15376-0000-000 | 700 | Tr;X4 |
| 20EW7 | F | 26H | 20 | 36 | 1 | 00076-3510-000 | 1300 | Tr. #1 |
| 20EW7 | D | 32H | 20 | 42 | 4 | 35G76-0001-000 | 1220 | Tr. #2;G1&G2;X4 |
| 21MY8 | F | 40L | 20 | 25 | 1 | 73000-0000-516 | 1130 | Tr;X2 |
| 21MY8 | D | 25H | 20 | 27 | 4 | 70030-G541-006 | 1100 | Pe;G1&G2;X5 |
| 24AX4 | E | - | 27.5 | 25 | R | 00103-067-000 | - | |
| 25CT3 | E | - | 27.5 | 24 | R | 0P076-3001-000 | - | Rect. |
| 25DL3 | E | - | 27.5 | 28 | R | 13076-0P00-000 | - | Connect aux. lead from pin #1 of octal socket to cathode cap;P1&P2 |
| 25GB6 | D | 30H | 27.5 | 33 | 4 | 07045-0610-000 | 1082 | Plate cap;X3 |
| 25JZ8 | D | 37L | 27.5 | 45 | 2 | 73000-0000-516 | 1230 | Tr |
| 25JZ8 | D | 19H | 27.5 | 44 | 8 | 70030-G541-006 | 1150 | Pe;G1&G2;X4 |
| 26DQ5 | D | 48H | 27.5 | 33 | 4 | G7K45-1640-000 | 1360 | Plate cap;K1, G1&K2, G2;X5 |
| 26DQ6 | D | 45H | 27.5 | 42 | 4 | 07045-0610-000 | 1300 | Plate cap;X3 |
| 26LX6 | C | 50H | 27.5 | 35 | 4 | 71425-0000-006 | 1300 | Pe;plate cap;X7 |
| Disregard meter deflection prior to GM test. | | | | | | | | |
| 27LF6 | C | 50H | 27.5 | 38 | 4 | 7142G-0005-006 | 1100 | Plate cap;G1&G2;Pe |
| 31LR8 | F | 40L | 27.5 | 30 | 1 | 10076-0035-000 | 1100 | Tr;X4 |
| 31LR8 | C | 25H | 27.5 | 39 | 4 | 05176-3400-000 | 1150 | Pe |
| 31LZ6 | D | 38H | 27.5 | 42 | 8 | 45176-G400-000 | 1250 | Pe;plate cap;G1, G2 |
| 32A8 | C | 10L | 35 | 43 | 1 | 50076-0013-000 | 1625 | Tr |
| 32A8 | C | 15H | 35 | 32 | 4 | 01576-3400-000 | 1100 | Pe;X4 |
| 33HE7 | D | 50H | 35 | 36 | 4 | 70003-0015-046 | 1300 | Pe |
| 33HE7 | B | - | 35 | 15 | R | 73010-0000-006 | - | |
| 33JR6 | D | 50H | 35 | 33 | 4 | 45176-2003-000 | 1235 | Pe;X3 |
| 35GL6 | C | 20H | 35 | 41 | 8 | 15764-0300-000 | 1100 | Pe;Heater cathode leakage normal |
| 50FK5 | D | 31L | 47 | 32 | 8 | 1G765-4300-000 | 1180 | Pe;G1&G2;X8 |
| 5642 | E | - | 1.5 | 35 | D | 00760-0000-000 | - | Di;F insert 2 base leads into pins 3&4 of 7 pin min. socket. Plate goes to top lead. |
| CK5755 | D | 0L | 6.3 | 50 | 1 | PKG77-5136-000 | 1170 | K1, P1, G1&K2, P2, G2; Tr. #1 & Tr. #2 |
| 6689 | D | 10L | 6.3 | 35 | 8 | 45176-3002-000 | 1300 | Pe;X4 |
| 6939 | D | 31L | 6.3 | 43 | 8 | 51G77-34P6-000 | 950 | Pe#1P1, G1&P2, G2 |
| 7119 | D | 13H | 6.3 | 38 | 4 | PGK77-1563-000 | 1200 | K1, P1, G1&K2, P2, G2;X7 |
| 7233 | O | 15H | 6.3 | 35 | 1 | 35076-0010-000 | 1300 | Tr |
| 7308 | C | 13L | 6.3 | 40 | 8 | PGK76-3512-000 | 1300 | K1, P1, G1&K2, P2, G2;X6 |
| 7534 | F | 50H | 6.3 | 40 | 4 | 07045-0610-000 | 1300 | Pe;X12 |
| 7751 | C | 20H | 6.3 | 31 | 4 | 07345-0610-000 | 1300 | Pe;X7 |
| 7803 | D | 20L | 6.3 | 41 | 8 | PGK76-3510-000 | 1000 | K1, P1, G1&K2, P2 G2;X6 |

| <u>TUBE</u> | <u>PLATE</u> | <u>BIAS</u> | <u>FIL.</u> | <u>METER</u> | <u>SIG.</u> | <u>SELECTORS</u> | <u>R. P.</u> | <u>REMARKS</u> |
|-------------|--------------|-------------|-------------|--------------|-------------|------------------|--------------|-------------------|
| 8233* | C | 30L | 6.3 | 35 | 4 | 32476-0K51-000 | 1170 | Magnoval*Pe;K1&K2 |
| 8425 | C | 9L | 6.3 | 47 | 4 | 52763-4100-000 | 1300 | Pe;X2 |
| 8552 | C | 37H | 13 | 35 | 2 | 17415-0600-000 | 1350 | X2;plate cap |
| EF37A | F | 20L | 6.3 | 35 | 2 | 07342-0610-000 | 1300 | Pe;Grid cap;X1 |

CORRECTIONS

| | | | | | | | | |
|-------|---|-----|-----|----|---|----------------|------|------------------------------|
| 6JT6 | F | 15L | 6.3 | 41 | 2 | 15376-0000-000 | 1300 | Tr;X2 |
| 6JT8 | A | - | 6.3 | 40 | D | 0076-1333-000 | - | Emission test;Pe |
| 10JT8 | F | 15L | 450 | 41 | 2 | 15376-0000-000 | 1300 | Tr;X2 |
| 10JT8 | A | - | 450 | 40 | D | 0076-1333-000 | - | Emission test;Pe |
| 12FQ7 | F | 18H | 300 | 32 | 2 | PGK76-3510-000 | 840 | K1, P1, G1&K2, P2, G2; X2 |