

CONAR MODEL 221/223/224
NEW TUBE RELEASES
for use with
CHART 2-72

| TUBE | A | B | C | D | CATH SHORTS | TEST | TUBE | A | B | C | D | CATH SHORTS | TEST | |
|--------|-------------------------------|---|-------|----|-------------|------------|--------|-------------------------|--------------------------|----|----|-------------|----------|-----------|
| 1BK2 | 4 | 2 | 2-5-8 | 40 | | 10 | 6LW6 | pe 3 | 8 | 7 | 14 | 2-6 | 1-3-5-10 | |
| " | Must show short on 3-7 | | | | | | | " | Cathode short test-throw | | | | | |
| " | Cont. test 1-4-6-9 | | | | | | | " | 2-6 together | | | | | |
| 1BX2 | 4 | 2 | 2-5-8 | 40 | | 10 | " | Cont. test 1-2-5-6 | | | | | | |
| " | Cont. test 1-2-4-5-6-8-9 | | | | | | | " | Ignore glow on 1 | | | | | |
| 1DK1 | 1 | 2 | 4 | 95 | | 10 | 6LX8 | t 2 | 8 | 4 | 16 | 8 | 1-9 | |
| " | Insert bottom leads into pins | | | | | | | " | pe 2 | 8 | 4 | 16 | 7 | 2-3-6 |
| " | 4&5 of 9 pin socket. | | | | | | | 6LZ6● | 2 | 8 | 5 | 18 | 3 | 1-2-6-7-9 |
| " | Cap goes to top lead. | | | | | | | " | Cont. test 1-2-6-7 | | | | | |
| 1RK41 | 4 | 2 | 2-5-8 | 40 | | 10 | 6MA6 | 3 | 8 | 3 | 46 | 7 | 6-10 | |
| " | Must show short on 3-7 | | | | | | | " | Cont. test 2-4-5-8 | | | | | |
| " | Cont. test 1-4-6-9 | | | | | | | " | Good tube reads above 40 | | | | | |
| 3CV3A | 4 | 5 | 2 | 42 | | 10 | 6MB6 | 2 | 8 | 1 | 18 | 2 | * | |
| 3DA3 | 4 | 5 | 3-5 | 30 | | 10 | " | *3-4-5-9-10-11 | | | | | | |
| " | Cont. test 3-4-5-6-8 | | | | | | | " | Cont. test 3-4-5-9-10-11 | | | | | |
| 3DR3 | 4 | 5 | 3-5 | 38 | | 10 | " | Do not attach grid lead | | | | | | |
| " | Cont. test 2-3-5-6-8 | | | | | | | " | to top tube terminal | | | | | |
| 4JW8 | t 2 | 6 | 4 | 18 | 8 | 1-9 | 6MC6● | 2 | 9 | 4 | 18 | 3 | * | |
| " | pe 2 | 6 | 4 | 16 | 7 | 2-3-6 | " | *1-2-6-7-10 | | | | | | |
| 4RHH15 | t 2 | 6 | 4 | 20 | 3 | 1-2 | " | Cont. test 1-2-6-7 | | | | | | |
| " | t 2 | 6 | 4 | 20 | 8 | 6-7 | 6ME6● | 3 | 8 | 4 | 14 | 3 | * | |
| 5JW8 | t 2 | 6 | 4 | 18 | 8 | 1-9 | " | *1-2-6-7-10 | | | | | | |
| " | pe 2 | 6 | 4 | 16 | 7 | 2-3-6 | " | Cont. test 1-2-6-7 | | | | | | |
| 5P29 | 3 | 7 | 2 | 14 | 8 | 4-5-10 | 6MH1 | 2 | 8 | 3 | 14 | 2 | 1-5-6-7 | |
| 5RHP1 | t 2 | 7 | 4 | 14 | 8 | 1-9 | " | Ignore glow on 1-5 | | | | | | |
| " | pe 2 | 7 | 4 | 14 | 7 | 2-3-6 | 6ML8 | t 2 | 8 | 4 | 18 | 7 | 3-6 | |
| 6C16 | t 2 | 7 | 4 | 14 | 8 | 1-9 | " | t 2 | 8 | 4 | 18 | | 2-8 | |
| " | pe 2 | 7 | 4 | 14 | 7 | 2-3-6 | " | t 2 | 8 | 4 | 18 | | 1-9 | |
| 6CC31 | t 1 | 8 | 3 | 8 | 7 | 2-5 | 6MX8● | t 2 | 8 | 5 | 20 | 1 | 8-9 | |
| " | t 1 | 8 | 3 | 8 | | 1-6 | " | pe 4 | 8 | 5 | 16 | 3 | 2-6-7 | |
| 6D1 | 2 | 8 | 4 | 18 | 7 | 1-5-6 | 6PL12 | t 2 | 8 | 4 | 14 | 8 | 1-9 | |
| " | Ignore glow on 1 | | | | | | | " | pe 2 | 8 | 4 | 14 | 2 | 3-6-7 |
| 6DK3● | 2 | 8 | 4 | 18 | 10 | 2-7 | 6Q8 | to 2 | 8 | 2 | 16 | 8 | * | |
| " | Ignore glow on 2 | | | | | | | " | *3-4-5-6-10 | | | | | |
| " | Cont. test 2-7 | | | | | | | " | t 2 | 8 | 2 | 16 | | 5-6 |
| 6F19 | 2 | 8 | 4 | 14 | 1-3 | 2-7-8 | 7D10 | 3 | 8 | 4 | 14 | 3 | 2-7-8 | |
| " | Cathode short test-throw 1-3 | | | | | | | 8D8 | 2 | 9 | 4 | 20 | 3 | 1-6-8-9 |
| " | together. Cont. test 1-3 | | | | | | | " | Cont. test 2-7 | | | | | |
| 6F26 | 2 | 8 | 4 | 14 | 1-3 | 2-7-8 | 9AM10 | t 2 | 10 | 1 | 18 | 4 | 9-10 | |
| " | Cathode short test-throw 1-3 | | | | | | | " | t 2 | 10 | 1 | 18 | | 5-7 |
| " | together. Cont test 1-3 | | | | | | | " | t 2 | 10 | 1 | 18 | | 2-11 |
| 6F29 | 2 | 8 | 4 | 17 | 1-3 | 2-7-8-9 | 9ML8 | t 2 | 10 | 4 | 18 | 7 | 3-6 | |
| " | Must show short on 1-3 | | | | | | | " | t 2 | 10 | 4 | 18 | | 2-8 |
| 6GB9 | 3 | 8 | 2 | 16 | 8 | 4-5-10 | " | t 2 | 10 | 4 | 18 | | 1-9 | |
| 6JA5 | 2 | 8 | 1 | 18 | 4-11 | 2-3-6-9-10 | 11CH11 | t 2 | 10 | 1 | 18 | 6 | 2-3-5 | |
| " | Cont. test 2-3-4-9-10-11 | | | | | | | " | t 2 | 10 | 1 | 19 | 4 | 5-7 |
| " | Cathode short test - throw | | | | | | | " | p 2 | 10 | 1 | 17 | 8 | 2-10-11 |
| " | 4-11 together. Grid short | | | | | | | 11LY6 | 2 | 10 | 4 | 18 | 1 | * |
| " | test-throw 2-9 together | | | | | | | " | *2-3-7-8-9 | | | | | |
| " | Screen short test-throw | | | | | | | " | Cont. test 3-9 | | | | | |
| " | 3-10 together | | | | | | | | | | | | | |

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| TUBE | A | B | C | D | CATH SHORTS | TEST |
|---------|--|----|----|----|-------------|--------------|
| 12AC10 | t | 2 | 11 | 12 | 16 | 4 9-10 |
| " | t | 2 | 11 | 12 | 16 | 6 5-7 |
| " | t | 2 | 11 | 12 | 16 | 3 2-11 |
| 12DW4● | 4 | 11 | 4 | 14 | 9 | 2-7 |
| " | Cont. test 2-7 | | | | | |
| 12MX8● | t | 2 | 11 | 5 | 20 | 1 8-9 |
| " | pe | 4 | 11 | 5 | 16 | 3 2-6-7 |
| 12RLL3● | t | 2 | 8 | 9 | 14 | 8 6-7 |
| " | t | 2 | 8 | 9 | 14 | 3 1-2 |
| " | Cont. test 4-5 | | | | | |
| 17LD8● | t | 3 | 12 | 5 | 22 | 1 8-9 |
| " | pe | 4 | 12 | 5 | 15 | 3 2-6-7 |
| 17RHH2 | t | 2 | 12 | 5 | 14 | 8 6-7 |
| " | t | 2 | 12 | 5 | 14 | 3 1-2 |
| 19A3 | 1 | 8 | 6 | 10 | 7 | 5 |
| " | Cont. test 3-4 | | | | | |
| 19DK3● | 2 | 12 | 4 | 18 | 10 | 2-7 |
| " | Ignore glow on 2 | | | | | |
| " | Cont. test 2-7 | | | | | |
| 19DQ3 | d | 4 | 12 | 1 | 14 | 7 4-10 |
| " | Ignore glow on 4 | | | | | |
| 19U3 | 3 | 12 | 4 | 16 | 3 | 9 |
| 19W3 | 3 | 12 | 4 | 16 | 3 | 9 |
| 23MB6 | 2 | 12 | 1 | 18 | 2 | * |
| " | *3-4-5-9-10-11 | | | | | |
| " | Cont. test 3-4-5-9-10-11 | | | | | |
| " | Do not attach grid lead to top tube terminal | | | | | |
| 24LZ6● | 2 | 13 | 5 | 18 | 3 | * |
| " | *1-2-6-7-9 | | | | | |
| " | Cont. test 1-2-6-7 | | | | | |
| 25DK3● | d | 2 | 13 | 4 | 18 | 10 2-7 |
| " | Ignore glow on 2 | | | | | |
| " | Cont. test 2-7 | | | | | |
| 25MP20 | 2 | 13 | 3 | 18 | 2 | 1-5-6 |
| 26JG6● | 4 | 13 | 4 | 14 | 3 | 1-2-7-9 |
| " | Ignore glow on 1-2 | | | | | |
| " | Cont. test 1-7 | | | | | |
| 26LW6 | p | 3 | 13 | 7 | 14 | 2-6 1-3-5-10 |
| " | Cathode short test-throw | | | | | |
| " | 2-6 together | | | | | |
| " | Cont. test 1-2-5-6 | | | | | |
| " | Ignore glow on 1 | | | | | |
| 30KD6 | 3 | 14 | 1 | 15 | 2 | 3-5-9-11 |
| " | Ignore glow on 3-5-9 | | | | | |
| " | Cont. test 3-4-5-9-10-11 | | | | | |
| 30MB6 | 2 | 13 | 1 | 18 | 2 | * |
| " | *3-4-5-9-10-11 | | | | | |
| " | Cont. test 3-4-5-9-10-11 | | | | | |
| " | Do not attach grid lead to top tube terminal | | | | | |
| 36MC6● | 2 | 14 | 4 | 18 | 3 | * |
| " | *1-2-6-7-10 | | | | | |
| " | Cont. test 1-2-6-7 | | | | | |
| 396A | t | 2 | 8 | 1 | 14 | 2 3-4 |
| " | t | 2 | 8 | 1 | 14 | 8 6-7 |
| 403B | 2 | 8 | 3 | 16 | 2-7 | 1-5-6 |
| " | Cont. test 2-7 | | | | | |
| CK6293 | 2 | 8 | 2 | 18 | 1-4-6 | 3-5-10 |
| " | Cont. test 1-4-6 | | | | | |
| " | Cathode short test-throw | | | | | |
| " | 1-4-6 together | | | | | |

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| TUBE | A | B | C | D | CATH SHORTS | TEST |
|----------------|-------------------------|----|-------|----|-------------|-----------|
| PL6574 | 2 | 8 | 1 | 24 | 8 | 3-5-6 |
| 8908 | 2 | 8 | 7 | 16 | 4 | * |
| " | *1-2-3-5-6 | | | | | |
| " | Cont. test 1-2-5-6 | | | | | |
| " | Grid-1 short test-throw | | | | | |
| " | 1-5 together | | | | | |
| " | Grid-3 short test-throw | | | | | |
| " | 2-6 together | | | | | |
| <u>FOREIGN</u> | | | | | | |
| DAF92 | pe | 2 | 2 | 1 | 22 | 2-3-6 |
| " | d | 1 | 2 | 1 | 20 | 4 |
| DL93 | 2 | 2 | 5 | 20 | | 2-6-3-4 |
| " | Ignore glow on 2 | | | | | |
| " | Cont. test 1-2-6-7 | | | | | |
| DL95 | 2 | 2 | 5 | 18 | | 2-3-4-6 |
| " | Ignore glow on 2 | | | | | |
| " | Cont. test 1-2-6-7 | | | | | |
| DL98 | 3 | 2 | 2-6 | 22 | | 1-3-7 |
| " | Cont. test 4-5 | | | | | |
| E55L▲ | 3 | 8 | 4 | 14 | 7-9 | 1-3-8 |
| " | Cont. test 2-6-7-9 | | | | | |
| E182CC | t | 2 | 11 | 8 | 18 | 3 1-2 |
| " | t | 2 | 11 | 8 | 18 | 6 7-9 |
| EAF801 | pe | 2 | 8 | 4 | 20 | 3 1-2-6-9 |
| " | d | 3 | 8 | 4 | 60 | 3 8 |
| EC90 | 2 | 8 | 3 | 16 | 7 | 1-5-6 |
| " | Ignore glow on 1 | | | | | |
| " | Cont. test 1-5 | | | | | |
| EC97 | 2 | 8 | 3 | 12 | 1-7 | 2-5 |
| " | Cont. test 1-7 | | | | | |
| ECC808 | t | 2 | 8 | 4 | 20 | 2 1-3 |
| " | t | 2 | 8 | 4 | 20 | 8 7-9 |
| ECF80 | t | 2 | 7 | 4 | 14 | 8 1-9 |
| " | pe | 2 | 7 | 4 | 14 | 7 2-3-6 |
| ED500▲ | 2 | 8 | 4 | 26 | 1 | 8-10 |
| " | Cont. test 1-2-3-6-7-9 | | | | | |
| EF95 | 2 | 8 | 3 | 16 | 2-7 | 1-5-6 |
| " | Cont. test 2-7 | | | | | |
| EF183 | 2 | 8 | 4 | 17 | 1-3 | 2-7-8-9 |
| " | Must show short on 1-3 | | | | | |
| EF804S | 2 | 8 | 4 | 16 | 3 | 7-8-9 |
| " | Cont. test 2-6 | | | | | |
| EN32 | 2 | 8 | 1 | 24 | 8 | 3-5-6 |
| EY500▲ | 4 | 8 | 4 | 14 | 10 | 2-7-8 |
| " | Ignore glow on 2-7 | | | | | |
| " | Cont. test 2-7-8 | | | | | |
| GY501▲ | 4 | 14 | 2-4-8 | 31 | | 10 |
| LCL85 | t | 2 | 10 | 4 | 14 | 3 1-2 |
| " | pe | 3 | 10 | 4 | 14 | 8 6-7-9 |
| LF183 | 2 | 6 | 4 | 17 | 1-3 | 2-7-8-9 |
| " | Cont. test 1-3 | | | | | |
| LF184 | 2 | 6 | 4 | 12 | 1-3 | 2-7-8-9 |
| " | Cont. test 1-3 | | | | | |
| LL505▲ | 2 | 13 | 4 | 16 | 9 | * |
| " | *1-3-6-8-10 | | | | | |
| " | Cont. test 1-2-3-6-7-8 | | | | | |
| " | Ignore glow on 1-3-6 | | | | | |

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| TUBE | A | B | C | D | CATH SHORTS | TEST |
|--------|--------------------------|----|---|----|-------------|----------|
| LL509▲ | 2 | 13 | 4 | 16 | 9 | * |
| " | *1-3-6-8-10 | | | | | |
| " | Cont. test 1-2-3-6-7-8 | | | | | |
| " | Ignore glow on 1-3-6 | | | | | |
| LL521▲ | 3 | 12 | 4 | 14 | 9 | * |
| " | *1-3-6-8-10 | | | | | |
| " | Cont. test 1-2-3-6-7-8 | | | | | |
| " | Ignore glow on 1-3-6 | | | | | |
| LL802 | 3 | 10 | 4 | 14 | 1 | 2-6-7-8 |
| " | Cont. test 3-6-8-9 | | | | | |
| LY81 | 4 | 10 | 4 | 14 | 10 | 2-9 |
| " | Ignore glow on 2 | | | | | |
| N22LL▲ | 2 | 12 | 4 | 16 | 3 | 1-6-7-9 |
| " | Cont. test 1-7 | | | | | |
| " | Ignore glow on 1 | | | | | |
| PC900 | t 2 | 6 | 3 | 70 | 2-7 | 5-6 |
| " | Ignore glow on 7 | | | | | |
| PCF82 | t 2 | 10 | 4 | 14 | 8 | 1-9 |
| " | pe 2 | 10 | 4 | 14 | | 2-3-6 |
| PCL85 | t 2 | 12 | 4 | 20 | 3 | 1-9 |
| " | pe 3 | 12 | 4 | 18 | 8 | 2-6-7 |
| PD500▲ | 2 | 9 | 4 | 26 | 1 | 8-10 |
| " | Cont. test 1-2-3-6-7-9 | | | | | |
| PL81 | 3 | 12 | 4 | 12 | 3 | 2-7-8-10 |
| " | Ignore glow on 7 | | | | | |
| " | Cont. test 1-6-7-8-9 | | | | | |
| PL504▲ | 3 | 13 | 5 | 14 | 3-8 | * |
| " | *1-2-6-7-10 | | | | | |
| " | Ignore glow on 1-6 | | | | | |
| PL505▲ | 2 | 40 | 4 | 16 | 9 | * |
| " | *1-3-6-8-10 | | | | | |
| " | Cont. test 1-2-3-6-7-8 | | | | | |
| " | Ignore glow on 1-3-6 | | | | | |
| PL521▲ | 3 | 14 | 4 | 14 | 9 | * |
| " | *1-3-6-8-10 | | | | | |
| " | Cont. test 1-2-3-6-7-8 | | | | | |
| " | Ignore glow on 1-3-6 | | | | | |
| PY88 | 2 | 14 | 4 | 12 | 10 | 3-8-9 |
| " | Ignore glow on 3-8 | | | | | |
| " | Cont. test 1-2-3-6-7-8-9 | | | | | |
| PY500▲ | 4 | 14 | 4 | 14 | 10 | 2-7-8 |
| " | Ignore glow on 2-7 | | | | | |
| " | Cont. test 2-7-8 | | | | | |
| UCL82 | t 2 | 15 | 4 | 14 | 8 | 1-9 |
| " | pe 2 | 15 | 4 | 14 | 2 | 3-6-7 |
| XC95 | 2 | 4 | 3 | 12 | 1-7 | 2-5-6 |
| " | Cont. test 1-7 | | | | | |
| XC900 | 3 | 4 | 4 | 14 | 2-7 | 1-5 |
| " | Cont. test 2-7 | | | | | |
| XCC189 | t 2 | 6 | 4 | 12 | 8 | 6-7 |
| " | t 2 | 6 | 4 | 12 | 3 | 1-2 |
| XCF80 | t 2 | 7 | 4 | 14 | 8 | 1-9 |
| " | pe 2 | 7 | 4 | 14 | 7 | 2-3-6 |
| XCF801 | t 2 | 6 | 4 | 14 | 1-3 | 8-9 |
| " | pe 3 | 6 | 4 | 14 | - | 2-6-7 |
| " | Cont. test 1-3 | | | | | |
| XF183 | 2 | 5 | 4 | 17 | 1-3 | 2-7-8-9 |
| " | Cont. test 1-3 | | | | | |
| XF184 | 2 | 5 | 4 | 12 | 1-3 | 2-7-8-9 |
| " | Cont. test 1-3 | | | | | |

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| TUBE | A | B | C | D | CATH SHORTS | TEST |
|--------|--------------------|----|---|----|-------------|--------|
| XL504▲ | 3 | 11 | 5 | 14 | 3-8 | * |
| " | *1-2-6-7-10 | | | | | |
| " | Ignore glow on 1-6 | | | | | |
| XXFM | t 1 | 8 | 1 | 8 | 4 | 2-3 |
| " | d 1 | 8 | 1 | 16 | | 5 |
| " | d 1 | 8 | 1 | 16 | 7 | 6 |
| YCC189 | t 2 | 7 | 4 | 12 | 8 | 6-7 |
| " | t 2 | 7 | 4 | 12 | 3 | 1-2 |
| YL1370 | 2 | 8 | 7 | 17 | * | 3-5-10 |
| " | *1-4-6 | | | | | |
| " | Cont. test 1-4-6 | | | | | |
| YL1371 | 2 | 11 | 2 | 21 | 1-4-6 | 3-5-10 |
| " | Cont. test 1-4-6 | | | | | |

CORRECTIONS

| | | | | | | |
|--------|------------|----|-----|----|---|---------|
| 3CX3 | 4 | 5 | 3-5 | 34 | * | 10 |
| " | *3-4-5-6-8 | | | | | |
| 24BF11 | pe 2 | 13 | 12 | 16 | 2 | 3-5-6-7 |
| " | pe 3 | 13 | 12 | 14 | 9 | 8-10-11 |

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