

## V. M. TUBES

| CV Title | Cath | Vh   | Ih   | V Res K.V.   | -V Ref. V. | Ia m/a | Wres W | Wout mW      | Mean Freq. Mc/s | BASE  | DESCRIPTION                               | PIN CONNECTIONS |   |   |    |   |    |     |   |                   |
|----------|------|------|------|--------------|------------|--------|--------|--------------|-----------------|-------|---|-----------------|---|---|----|---|----|-----|---|-------------------|
|          |      |      |      |              |            |        |        |              |                 |       |   | 1               | 2 | 3 | 4  | 5 | 6  | 7   | 8 | Top Cap           |
| 10       | IH   | 4.0  | 1.45 | 1.25         | 275        | 8.0    | 10     | 100          |                 | 0     | Local Oscillator Obsolete                 | G               | H |   |    |   |    | H   | C | R                 |
| 11       | IH   | 4.0  | 1.45 | 1.25         | 275        | 8.0    | 10     | 100          |                 | 0     | Local Oscillator Obsolete                 | G               | H |   |    |   |    | H   | C | R                 |
| 35       | IH   | 4.0  | 1.45 | 1.25         | 275        | 8.0    | 10     | 100          | 3035            | 0     | Local Oscillator                          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 36       | IH   | 4.0  | 1.6  | 1.25         | 230        |        | 10     | 150          | 2842            | 0     | Metal Framework-Resonator                 | G               | H | - | -  | - | -  | H   | C | Rf                |
| 37       | IH   | 4.0  | 1.45 | 1.2          | 360        |        | 10     | 100          | 3298            | 0     | Local Oscillator                          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 39       | IH   | 6.3  | 0.31 | 0.255        | 290        | 50.0   | -      | 450          | 2400            | 0     | Coaxial Oscillator                        | -               | H | A | -  | R | G  | H   | C | O/l <sub>ms</sub> |
| 67       | IH   | 4.0  | 1.6  | 1.2          | 360        | 8.0    | 10     | 100          | 3298            | 0     | Oscillator R on Metal Framework           | G               | H | - | -  | - | -  | H   | C | Rf                |
| 70       | IH   | 4.0  | 2.5  | 14.0         |            | 1.15   |        | 2000         | 3195            | 0     | Transmitting Klystron                     | -               | H | - | -  | - | -  | H/C | - | Col. x            |
| 80       | IH   | 4.0  | 5.0  | 6.0          |            | 250.0  |        | 100000       | 4316            | 3 Pin | Klystron A on metal body                  | H/C             | H | G |    |   |    |     |   |                   |
| 81       | IH   | 4.0  | 5.0  | 6.0          |            | 250.0  |        | 1000000      | 4050            | 3 Pin | Klystron A on metal body                  | H/C             | H | G |    |   |    |     |   |                   |
| 87       | IH   | 4.0  | 1.4  | 1.6          | 425        | 6.25   | 10     |              | 9330            | 0     | Local Oscillator                          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 109      | IH   | 4.0  | 2.5  | 10.0         |            | 330.0  |        | 13500        | 3280            | 0     | Transmitting Klystron                     | -               | H | - | -  | - | -  | H/C | - |                   |
| 116      | IH   | 4.0  | 1.3  | 0.25         | 137.5      |        | 8      | 100          | 3460            | 0     | Oscillator                                | G               | H | - | -  | - | -  | H   | C | Rf                |
| 129      | IH   | 4.0  | 1.4  | 1.6          | 420        |        | 10     | 75           | 9375            | 0     | Beam oscillator R via Framework           | G               | H | - | -  | - | -  | H   | C | Rf                |
| 150      | IH   | 13.0 | 2.4  | 12.5<br>peak |            |        |        | 30KW<br>peak | 5188            | Spec. | Pulse transmitter klystron                |                 |   |   |    |   |    |     |   |                   |
| 158      | IH   | 4.0  | 1.6  | 1.2          | 320        |        | 10     | 100          | 3195            | 0     | Oscillator R via metal framework          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 180      | IH   |      |      |              |            |        |        |              |                 |       | Local Oscillator Obsolete                 |                 |   |   |    |   |    |     |   |                   |
| 217      | IH   | 4.0  | 1.3  | 1.35         | 255        | 7.4    | 10     | 15           | 9738            | 0     | Local Oscillator                          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 218      | IH   | 4.0  | 1.3  | 1.35         | 255        | 7.4    | 10     | 15           | 9676            | 0     | Local Oscillator                          | G               | H | - | -  | - | -  | H   | C | Rf                |
| 223      | IH   | 4.0  | 1.4  | 1.6          | 425        | 6.25   | 10     | 75           | 9744            | 0     | CV.129 with different frequency           | G               | H | - | -  | - | -  | H   | C | Rf                |
| 224      | IH   | 4.0  | 1.4  | 1.6          | 425        | 6.25   | 10     | 75           | 9677            | 0     | CV.129 with different frequency           | G               | H | - | -  | - | -  | H   | C | Rf                |
| 228      | IH   | 6.3  | 0.3  | 0.22         |            | 500.0  |        | 450          | 4615            | B7G   | Coaxial line oscillator                   | G1              | C | H | H  | A | R  | G2  |   |                   |
| 230      | IH   | 6.3  | 0.3  | 0.265        |            |        |        | 300          | 3000            | 0     | Coaxial line wide A.F.C. Range oscillator | -               | H | A | G2 | R | G1 | H/C | - |                   |

\* Output line x Collector