MINIATURE CAMERA TUBE

The Resitron 6912 is a miniature photoconductive camera tube ideally suited for television broadcast, industrial television, aircraft and military applications where portability, size and weight considerations are important.

RESITRON LABORATORIES, Inc.
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CAMERA PICK-UP, X-RAY, HIGH VOLTAGE RECTIFIERS and SPECIAL PURPOSE ELECTRON TUBES
6912 OPERATING CHARACTERISTICS

Heater Voltage: 6.3 Volts, A.C.

Heater Current: .6 Ampere

Heating Time: 60 Seconds

Interelectrode Capacitance: Signal Electrode to all other Electrodes: 5uuf

Spectral Response: Closely approximates that of the human eye.

Method of Focus: Magnetic

Method of Deflection: Magnetic

Scanned Target Area: 6mm x 8mm, Maximum

Signal Electrode Voltage: 10 to 90 Volts
(For Dark Current of .02 Microampere)

G3 and G4, Beam Focus: 200 to 320 Volts

G2 Voltage: 250 to 300 Volts

G1 Voltage for Picture Cut-off: 28 to 90 Volts

Field Strength at Center of Focus Coil: Approximately 30 Gauss

Maximum Face Plate Operating Temperature: 70° Centigrade

BASE CONNECTIONS
Bottom View

Pin No. 1 — Cathode
Pin No. 2 — Grids No. 3 & 4
Pin No. 3 — Heater
Pin No. 4 — Grid No. 2
Pin No. 5 — Grid No. 1
Pin No. 6 — Heater
SJ — Signal Electrode — Front of Tube