

CATHODE RAY TUBE

Cathode ray tube with 3-in. diameter screen.

HEATER

V_h	4.0	V
I_h	1.0	A

CAPACITANCES

Grid to all other electrodes	≤ 20	uuF
Each X plate or each Y plate to all other electrodes	≤ 15	uuF
One X plate to one Y plate	≤ 3	uuF

FLUORESCENT COLOUR

Green. Non-persistent.

DEFLECTION

Electrostatic. The tube is primarily intended for symmetrical operation.

OPERATING CONDITIONS

$V_{a1}=V_{a3}$	800	V
V_{a2}	100 to 170	V
V_g	-1.0 to -18	V

LIMITING VALUES

$V_{a1}=V_{a3}$ max	1000	V
V_h-k max	50	V

DEFLECTION SENSITIVITY

X and Y plates	$\frac{170}{V_{a3}}$	mm/V
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ECR30

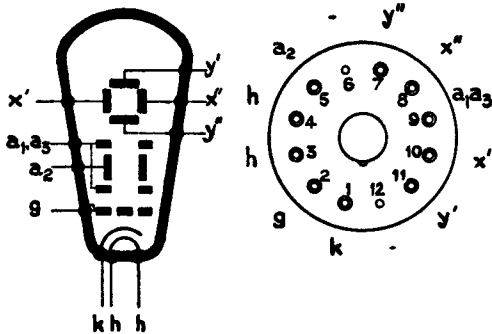
CATHODE RAY TUBE

Oscilloscope tube with 3-in. diameter screen.

Viewed from the screen end, and with the tube positioned so that the spigot key of the base is uppermost, a positive voltage on X' will deflect the spot to the left, and a positive voltage on Y' will deflect the spot upwards.

DIMENSIONS

ARRANGEMENT OF ELECTRODES AND BASE CONNECTIONS



12-CONTACT PIN BASE

