

Mullard

OSCILLOGRAPH TUBE

DG3-1

CATHODE RAY TUBE FOR OSCILLOGRAPHIC USE
1 - Inch Screen

Heater	$V_f = 6.3 \text{ V}$ $I_f = 0.63 \text{ A}$
Capacities	$C_g = 7.5 \text{ uuF}$ $CD1D1 = 1.75 \text{ uuF}$ $CD2D2 = 2.0 \text{ uuF}$

Fluorescent Colour - Green

Deflection - Double Electrostatic

Operating Conditions

* V_{a2}	500 V
* V_{a1} (approx. for focus)	130 V
** $-V_{g1}$	35 V
$N1$	0.1 mm/V
$N2$	0.08mm/V

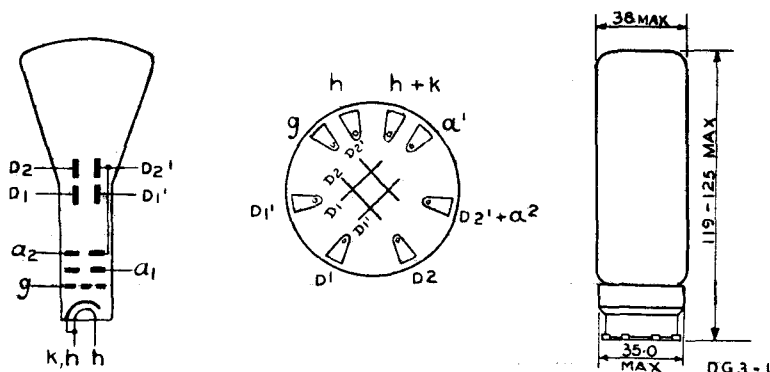
* At $V_{a2} = 250$ sensitivity is doubled

** The Grid Voltage should be adjusted to give the required light intensity. The voltage should never become positive or damage to the tube will result.

Limiting Values

$V_{a2} \text{ max}$	500 V
$V_{a1} \text{ max}$	150 V

Arrangement of electrodes and base connections



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