

OSCILLOSCOPE AND PICTURE TUBES

High Vacuum Oscilloscope Tubes with
2 3/4 in. diameter screens

DB7-5
DG7-5
DR7-5

Preliminary
Data

HEATER

V_h	6.3	V
I_h	0.4	A

CAPACITANCES

$C_{y'-all}$	4.4	$\mu\mu F$
$C_{y''-all}$	4.4	$\mu\mu F$
$C_{x'-all}$	5.0	$\mu\mu F$
$C_{x''-all}$	5.4	$\mu\mu F$
$C_{y'y''-all}$	0.6	$\mu\mu F$
$C_{x'x''-all}$	0.6	$\mu\mu F$
$C_{y'y''-x'x''}$	0.1	$\mu\mu F$
C_g-all	9.0	$\mu\mu F$

LUMINESCENT COLOUR

DB7-5	Blue. Short persistence
DG7-5	Green. Medium persistence
DR7-5	Long persistence

DEFLECTION

Double electrostatic
Tubes suitable for symmetrical operation

FOCUSING Electrostatic

OPERATING CONDITIONS

V_{a2}	800	V
V_{a1}	200 to 300	V
V_g	0 to -50	V

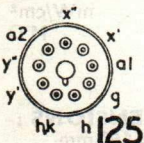
* Grid must never be allowed to become positive with respect to the cathode

DEFLECTION SENSITIVITY ($V_{a2}=800$ V)

X plates	0.16	mm/V
Y plates	0.26	mm/V

LIMITING VALUES

V_{a2} max.	1,000	V
V_{a2} min.	800	V
V_{a1} max.	400	V
V_g max.	0	V
$-V_g$ max.	100	V
$V_{x'-x''}$ (pk) max.	750	V
$V_{y'-y''}$ (pk) max.	450	V
p_t max.	3	mW/cm ²
R_{g-k} max.	0.5	M Ω



BASE :
B9G

DIMENSIONS :

D=160 mm
D= 71 mm

