

INSTRUMENT CATHODE-RAY TUBE

- 14 cm diagonal rectangular flat face
- domed mesh post-deflection acceleration
- internal magnetic lens system for correction of orthogonality, astigmatism and eccentricity
- low heater consumption
- side contacts to deflection plates
- internal graticule
- high sensitivity and high brightness
- short overall length
- for compact oscilloscopes with up to 150 MHz bandwidth

QUICK REFERENCE DATA

Final accelerator voltage	$V_{g7(\ell)}$	16,5 kV
First accelerator voltage	V_{g4}	2,2 kV
Minimum useful scan area		100 mm x 80 mm
Deflection coefficient		
horizontal	M_x	8,3 V/cm
vertical	M_y	4 V/cm (max. 4,2 V/cm)
Photographic writing speed	p.w.s.	2,0 cm/ns

The D14-381GH/123 is equivalent to the type D14-382GH/123 except for the following.

HEATING

Indirect by a.c. or d.c.*

Heater voltage	V_f	6,3 V
Heater current	I_f	0,1 A
Heating time to attain 10% of the cathode current at equilibrium conditions	approx.	7 s

* Not to be connected in series with other tubes.

