

**INSTRUMENT CATHODE-RAY TUBE****development sample data**

Development samples are distributed without guarantee for further supply. Development sample data represent the characteristics and ratings of development samples and are to be regarded as first indications of the ultimate performance to be achieved by the product in preparation.

INSTITUTIONAL RECORDS

INSTITUTIONAL RECORDS

## INSTRUMENT CATHODE-RAY TUBE

14 cm diagonal, rectangular flat faced oscilloscope tube with mesh and metal backed screen.

QUICK REFERENCE DATA			
Final accelerator voltage	$V_{g_6(\ell)}$	10	kV
Display area		100 x 80	mm <sup>2</sup>
Deflection factor, horizontal	$M_x$	approx. 16	V/cm
vertical	$M_y$	approx. 4	V/cm

### SCREEN

	colour	persistence
D14-12GH	green	medium short

Useful screen dimensions min. 100 x 80 mm<sup>2</sup>

Useful scan at  $V_{g_6(\ell)}/V_{g_2, g_4} = 6.5$

horizontal min. 100 mm

vertical min. 80 mm

**HEATING:** Indirect by A.C. or D.C.; parallel supply

Heater voltage	$V_f$	6.3	V
Heater current	$I_f$	300	mA

7Z2 7543