

E40-G3



OSCILLOGRAPH TUBE

GENERAL DESCRIPTION.

Cathode ray tube type E40-G3 is of the high vacuum double electrostatic type. It is particularly suitable as an indicating or measuring instrument or as a means of investigating both high and low frequency phenomena.

The screen is approximately 3 inches in diameter and the fluorescent colour is green. Owing to the small bulb size and low operating voltages, this tube is well suited for use in portable oscillograph equipment.

TECHNICAL DATA.

OPERATING CONDITIONS.

Heater Voltage (A.C. or D.C.)	..	..	..	4.0 V.
Heater Current	..	..	..	1.0 A. (approx.)
Cathode internally connected to Heater.				
Negative Grid Voltage	..	..	..	0-30 V.
(Value adjusted to give required light intensity)				

SECOND ANODE VOLTAGE—

Maximum	..	..	..	800 V.
Working Value	..	..	..	500-800 V.

FIRST ANODE VOLTAGE—

Maximum	..	..	..	300 V.
Working Value	..	..	..	140-200 V.

DEFLECTION SENSITIVITY.

Plates nearest cathode	..	..	..	..	30-19 mm/V.
Plates nearest screen	..	..	..	..	20-12 mm/V.

INTER-ELECTRODE CAPACITIES.

Grid to all other Electrodes	..	..	..	6.7 μ F.
Inter-plate Capacity D1-D1'	..	..	..	2.9 μ F.
Inter-plate Capacity D2-D2'	..	..	..	3.7 μ F.

CONNECTIONS.

Figs. 1 and 2 show the connections to the electrodes and Fig. 4 a suitable circuit for the H.T. supply unit.

PRICE £3 . 10 . 0