



ELECTRONIC TUBE REFERENCE

1300P

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

CATHODERAY

High-sensitivity split-beam dual-trace oscilloscope tube with a rectangular display, independent astigmatism correction, brightness equalization, and mesh post-deflection acceleration. Its final anode operates around 10 kV for bright dual-trace instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	12000 V

ad A high sensitivity splitbeam dual trace oscilloscope tube with a 11,5x9em faceplate, The tube has provision for brightness equalisation, indepen~ dent astigmatism correction and incorporates mesh p.d.a. Final anode voltage (p.d.a.) 10 kV Display area @ Vad = 6,7Va3 (each beam) 6x10 cm Overlap 6 em Deflection factor (Dy) <5,7 v/em Deflection factor (Dx) <10,2 v/em ! a ae rm



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 GENERAL ELECTRIC CO

Section 1 · Cathode Ray

BRIEF DATA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Final Anode Voltage Typical	10000 V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Third Anode Voltage Maximum	2000 V	—
Heater-Cathode Voltage Maximum	300 V	Peak

TUBE TINKER

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and their source documents.

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