



ELECTRONIC TUBE REFERENCE

DP1334

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Philips oscilloscope CRT for oscillography with electrostatic beam control. Manufacturer documentation covers screen, focusing and deflection, capacitance, sensitivity, and operating characteristics; several variants use flat faces and post-deflection acceleration.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	6000 V
<i>Electrostatic focusing/deflection CRT section; electrical/screen/deflection data retained in parameter rows.</i>	

DP1334 is a Philips high-sensitivity flat-face post-accelerated oscilloscope CRT. The supplied datasheet provides screen, electrostatic-deflection, capacitance and operating characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V2

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V2

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published heater rating
Heater current	300 mA	Published heater rating
Useful screen diameter	114 mm	Minimum
Line width	0.4 mm	At 3 kV post acceleration
Line width	0.3 mm	At 4 kV post acceleration
Horizontal deflection factor	0.79 to 0.98 V/mm	Per kV accelerator voltage
Vertical deflection factor	1.06 to 1.32 V/mm	Per kV accelerator voltage

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing-electrode voltage	200 to 345 V	OscilloscopeCRT
Grid No.1 voltage	-22.5 to -37.5 V	OscilloscopeCRT

TUBE TINKER

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and their source documents.

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