



ELECTRONIC TUBE REFERENCE

DP1379

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 / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

Electrostatic CRT section; published focusing, deflection, capacitance, scan and operating data retained in parameter rows.

Flat-face post-deflection-acceleration high-sensitivity cathode-ray oscilloscope tube. The source provides CRT heater, focusing/deflection, capacitance, scan/sensitivity and operating data where published.



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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid No.1 capacitance	6.4 pF	OscilloscopeCRT
Cathode capacitance	3.9 pF	OscilloscopeCRT
X1 plate capacitance	3 pF	OscilloscopeCRT
X2 plate capacitance	3 pF	OscilloscopeCRT

TUBE TINKER

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and their source documents.

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