

Five-inch electrostatically focused and deflected instrument CRT with a green medium-persistence screen. Its direct electrostatic beam control is suited to oscillographic measurement and general precision instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
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	4400 V
MAXIMUM HEATER-CATHODE VOLTAGE	125 V
MaxPlateVoltage stores published maximum Anode No. 3/supplementary high-voltage electrode rating.	

5CP1 is described in the supplied Tung-Sol datasheet as a electrostatically focused and deflected CRT with green medium-persistence phosphor. The redo includes a substantive section-electrical extraction from ratings and characteristic tables.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode No. 2 voltage	2200 V	—
Maximum anode No. 1 voltage	1100 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-all-other-electrodes capacitance	8 pF	—



SOURCE OPERATING CONDITIONS

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1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	Published rating
Heater/filament current	600 mA	Published rating
Screen fluorescence	Green	Phosphor1
Screen persistence	Medium	Phosphor1

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum supplementary high-voltage electrode voltage	4400 V	CRT
Maximum high-voltage electrode voltage	2200 V	CRT
Maximum focusing-electrode voltage	1100 V	CRT
Maximum peak voltage between anode No.2 and any deflector	550 V	CRT

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