



ELECTRONIC TUBE REFERENCE

373A

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Western Electric oxide-filament general-purpose pentode intended for electronic amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	2 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	1500000 Ω
TRANSCONDUCTANCE	0.00128 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM SCREEN DISSIPATION	0.45 W
Representative characteristics use the 150 V plate/screen operating point printed in the datasheet; alternate 250 V values are preserved as parameters.	

Oxide-filament general-purpose pentode from the Western Electric general-purpose tube table.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

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

1956 WESTERN ELECTRIC TUBES

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2 V	—
HeaterOrFilamentCurrent	250 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	150 V	ClassA
Typical Plate Current	2 mA	ClassA



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 300s

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

2026 WESTERN ELECTRIC 300S

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridPlateCapacitance	0.07 pF	—
Input Capacitance	5.9 pF	—
Output Capacitance	5 pF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	2000000 ohm	Plate=250 V; Screen=150 V
Transconductance	1310 uS	Plate=250 V; Screen=150 V
Plate Current	2 mA	Plate=150 V; Screen=150 V; Grid=-3 V
Power Output	120 mW	Plate=150 V; Screen=150 V
Power Output	160 mW	Plate=250 V; Screen=150 V

TUBE TINKER

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and their source documents.

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