

ELECTRONIC TUBE REFERENCE

YG1000

Voltage - Triode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Directly heated Telefunken electrometer triode for measuring extremely small currents in bridge, pH, radiation, and vacuum-tube voltmeter circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00018 S
MAXIMUM PLATE VOLTAGE	12 V
Electrometer triode.	

The Telefunken YG1000 is a directly heated electrometer triode for measuring extremely small currents in high-impedance bridge, pH, radiation, and tube-voltmeter circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	1.25 V	—
Heater Current	50 mA	Approximate
Plate Voltage	10 V	—
Plate Current	0.24 mA	—
Transconductance	180 μ S	—
Input Current Maximum	0.0000000006 mA	—

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