



ELECTRONIC TUBE REFERENCE

7169

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GAUGE

All-glass ionization vacuum gauge with three separately connected filaments, derived from the VTP 6578 gauge design.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E7-2	BASE PINS	7
NOMINAL HEATER	5 V / 6 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Gauge

No fixed ratings recorded.

Published applicable promoted ratings populated; remaining device-specific values retained as parameters.

All-glass ionization vacuum gauge with three separately connected filaments; glass-system version of VTP 6578 design.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Vacuum Tube Products

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

1955 VACUUM TUBE PRODUCTS

Section 1 · Gauge

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Count	3 count	—
Dry Air Sensitivity	60 uA/micron	At typical grid current

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage Maximum	5 V	Single filament
Filament Current Maximum	6 A	Single filament
Grid Voltage Maximum	500 V	Referenced to filament
Grid Emission Current Maximum	15 mA	—
Collector Voltage Maximum	500 V	Referenced to filament
Corrosive Gas or Nitrogen Pressure Maximum	5 micron	Filament hot
Noble Gas or Hydrogen Pressure Maximum	1.2 atm	Filament hot
Typical Filament Voltage	3 V	Single filament
Typical Filament Current	4 A	Single filament
Typical Grid Voltage	150 V	—
Typical Grid Current	5 mA	—
Typical Collector Voltage	-30 V	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

