



ELECTRONIC TUBE REFERENCE

7903

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
GAUGE

Three-electrode high-pressure ionization vacuum gauge designed for gas-pressure measurement over a comparatively wide range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.3 V / 2.4 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Gauge	
MAXIMUM PLATE VOLTAGE	400 V
<i>Published electrical limits and characteristics promoted from the approved source; non-schema quantities are retained in TUBE_SECTION_PARAMETER.</i>	

High-pressure three-electrode ionization vacuum gauge for measuring gas pressure over a wide range.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Gauge

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.3 V	Nominal
HeaterCurrentNominal	2.4 A	Nominal
MaximumPlateOrOperatingVoltage	400 V	—
IonCollectorVoltageMaximum	400 V	Outgassing
OperatingIonCollectorVoltageMaximumMagnitude	55 V	—
GasPressureMaximum	0.001 mmHg	Power applied