

ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
GAUGE

10G71

Specialized - Gauge Tube electronic tube

Hot-cathode triode-type ionization gauge head designed for high-vacuum pressure measurement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B7A	BASE PINS	–
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Gauge
<i>No fixed ratings recorded.</i>
<i>Hot-cathode triode-type ionization-gauge section; pressure/sensitivity/current data retained as parameters.</i>

Hot-cathode triode-type high-vacuum ionization gauge head. Published ratings, characteristics, operating data, capacitances, microwave/noise data, or gauge-head data were retained according to the physical device and mapped only to compatible locked-schema fields.

SOURCE OPERATING CONDITIONS

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Gauge

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Pressure range	5e-8–0.001 torr	—
Sensitivity for dry air	20 per torr	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid current below 1e-4 torr	10 mA	—
Maximum filament voltage	10 V	—
Maximum bake-out temperature	450 degC	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament material	Tungsten	—

TUBE TINKER

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

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