



ELECTRONIC TUBE REFERENCE

201

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Telefunken Arcotron 201 directly heated early audio-frequency voltage amplifier for resistance-coupled circuits, with 1 V 0.25 A filament and recommended 1 M Ω anode load.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode

No fixed ratings recorded.

Telefunken Arcotron 201, original German manufacturer literature pages 120 and 122. Early directly heated low-frequency voltage amplifier tube intended only for resistance-coupled audio-frequency amplifier stages. Filament 1.0 V, approximately 0.25 A. Maximum anode current 0.5 mA. Recommended anode load approximately 1 M Ω , with example anode supply 150 V and measured circuit voltage gain approximately 15 at 500 Hz. This is loaded circuit voltage gain, NOT intrinsic triode amplification factor (μ). The 150 V supply is an example operating condition, NOT a published maximum plate-voltage rating. Manufacturer says a conventional static characteristic curve cannot be supplied for Telefunken rod tubes. Mechanical/base references are to other pages not present in this PDF; canonical base unassigned. Do not infer gm, rp, μ , or maximum plate voltage.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed G 1000

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

9999 MIXED G 1000

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	150 V	—
Plate Current	0.5 mA	—