



ELECTRONIC TUBE REFERENCE

AS1000

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

German directly heated triode valve with published operating data; available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 9 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM SCREEN VOLTAGE	2200 V
MAXIMUM PLATE DISSIPATION	300 W
MAXIMUM SCREEN DISSIPATION	60 W
MAXIMUM GRID DISSIPATION	15 W
<i>Published ratings and characteristic constants promoted where applicable. AEG AS1000 directly heated thoriated-tungsten impulse transmitting pentode. Maximum operating anode voltage 6 kV with simultaneous anode and screen-grid keying; maximum screen-grid voltage 2.2 kV. Pulse anode peak voltage 11 kV, momentarily 13.5 kV; do not interpret pulsed limits as unrestricted continuous DC ratings. Maximum plate dissipation 300 W, screen dissipation 60 W, control grid dissipation 15 W.</i>	

AS1000: triode valve with published operating data and limiting ratings. The approved German-language datasheet was translated and interpreted by technical meaning.