

COSSOR P.T. 41 B.

4-VOLT 1 AMP. DIRECTLY HEATED PENTODE

Where large values of undistorted output are required, a high voltage pentode is a very useful valve. One reason for this is the high efficiency of this type of valve from the point of wattage dissipation against output delivered.

The P.T. 41 B. is a directly heated heavy duty valve which takes a rated anode voltage of 400, and has a maximum anode dissipation of 12 watts. In general, a stage of low frequency amplification will be necessary to precede this valve, as an input of approximately 40 volts peak is required for full output.

TECHNICAL DATA

For Output.						
Filament Voltage .. .. .	..	..	..	..	..	4
Filament Current (Amps.) .. .. .	..	..	..	..	..	1.0
Maximum Anode Volts .. .. .	..	..	..	..	..	400
Maximum Screen Volts .. .. .	..	..	..	..	..	300
Grid Bias for Maximum Anode and Screen Volts .. .. .	..	..	..	..	..	-40
Anode Current for above .. .. .	..	..	..	..	..	30 m.a.
Mutual Conductance (at V_a . 100, V_{ag} . 100, V_g . 0.)	..	..	..	..	..	2.25 m.a./v.
Optimum Load .. .. .	..	..	..	..	..	8,000 ohms

