

# 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, $V_{g2}$ . 100, $V_{g1}$ . 0.) .. .. .	2.25 m.a./v.
Optimum Load .. .. .	8,000 ohms

