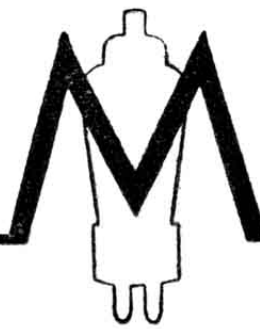


HIGH SENSITIVITY OUTPUT PENTODE



P.M.22D

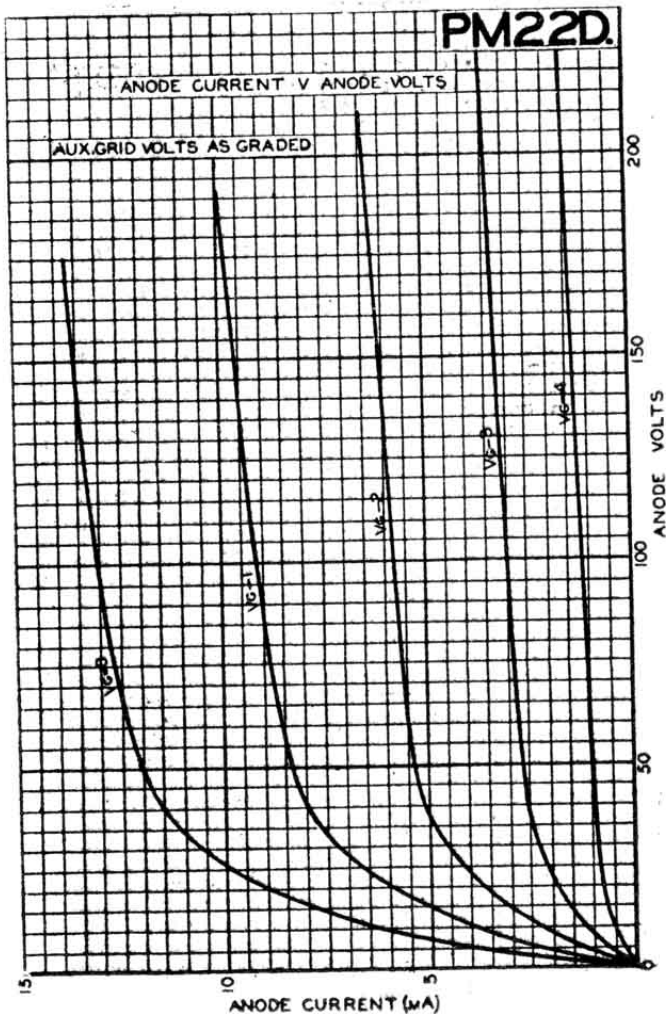
OPERATING DATA.

Filament Voltage 2.0 V.
 Filament Current 0.3 A.
 Max. Anode Voltage 150 V.
 Max. Auxiliary Grid Voltage .. 150 V.
 Optimum Load .. 24,000 ohms.

CHARACTERISTICS.

At Anode Volts 100; Auxiliary Grid
 Volts 100; Grid Volts Zero.

Mutual Conductance 4.0 mA/V.



APPLICATION.

Output valve in receiver where maximum gain is required. It requires only a small input to give an excellent performance with great economy in H.T. consumption.

With a sensitive valve of this type it is necessary to employ a system of graded auxiliary grid voltage.

Two grades are employed; in the case of a 135 volt H.T. battery, "A" grade indicates an auxiliary grid voltage of 135 V., and "B" grade an auxiliary grid voltage of 120 V., the grades being indicated by the letter "A" or "B" marked on both the valve base and glass envelope.

The following table gives the appropriate grades of auxiliary grid voltage, etc., for both 135 and 120 volt HT., batteries.

Grade.	Vaux (Volts).	Va (Volts).	Vg (Volts).	Ia (Aver.) mA.
A	135	135	-2.4	5
B	120	135	-2.4	5
A	120	120	-2.4	3.8
B	110	120	-2.4	3.8

When automatic bias is employed it is of course unnecessary to use this system of grading.

BASE.

Standard 5-pin.

PRICE 13/6