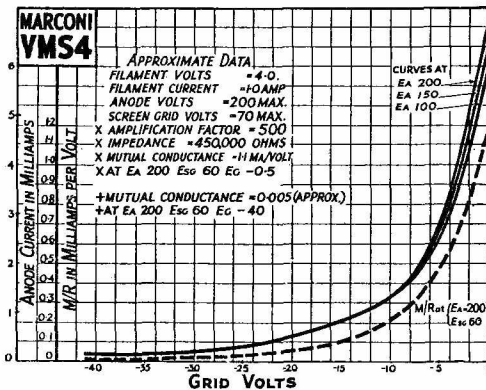


MARCONI A.C. MAINS VALVES

VMS 4, Variable Mu. Screen Grid, 22/6

Marconi VMS.4 is a screen grid valve incorporating an entirely new principle of construction which renders it suitable for use as a volume control stage in powerful receivers. The curve falls very gradually from the normal working point at approximately $1\frac{1}{2}$ volts bias, and does not become horizontal until some 40 volts bias is applied. Since the slope of the curve is related to the amplification, it is easily seen that smooth variation of volume is



obtained with none of the disadvantages attached to the more usual methods of volume control. VMS.4 is also helpful in reducing "cross-modulation" troubles, and is thus a most valuable contribution to modern radio practice.

VMS.4 is available with metallised bulb if desired.

Approximate Operating Data.

| Anode Volts. | Screen Volts. | Grid Bias. |
|--------------|---------------|-------------------------|
| 200 | 60-80 | - $1\frac{1}{2}$ to -40 |