

# MARCONI VALVES

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for use with 6-volt Accumulator.

### TYPE S 610

SCREEN GRID, HIGH FREQUENCY AMPLIFYING VALVE.



The S 610 is a specially designed high frequency amplifying valve, having four electrodes, in which the inter-electrode capacity effect, so detrimental to high frequency amplification has been nullified by the introduction of a screening grid. The anode is connected to a terminal on the top of the valve and the screen grid to the ordinary anode pin of the valve cap.

When used in a suitable circuit, a greater magnification per stage can be obtained than when using ordinary three electrode valves in a stabilised circuit.

A typical adjustment of electrode potentials is given below.

Anode Volts	Negative Grid Bias Volts	Screen Grid Volts
120	0 to 1½	80

Filament Volts ... ..	6.0 max.
Filament Current ... ..	0.1 amp.
Anode Volts (Ea.) ... ..	150 max.
Screen Grid Volts (Esg.)	60 to 90 max.
*Amplification Factor ... ..	210
*Impedance ... ..	200,000 ohms.
*Slope ... ..	1.05 Ma/v.
* At Anode Volts 120, Screen Grid Volts + 80, Grid Volts 0 to -1	

Approximate Overall Dimensions,  
136 × 44 m/m.

Price, 22/6

The valve in the purple box