

T.P.4

TRIODE-PENTODE FREQUENCY CHANGER

OPERATING DATA.

Heater Voltage	4.0 V.
Heater Current	1.25 A.
Max. Anode Voltage	250 V.
Max. Auxiliary Grid Voltage		150 V.
Max. Oscillator Anode Voltage		150 V.

BASE.

Nine-pin base and top cap. For connections see page 91.

BULB FINISH

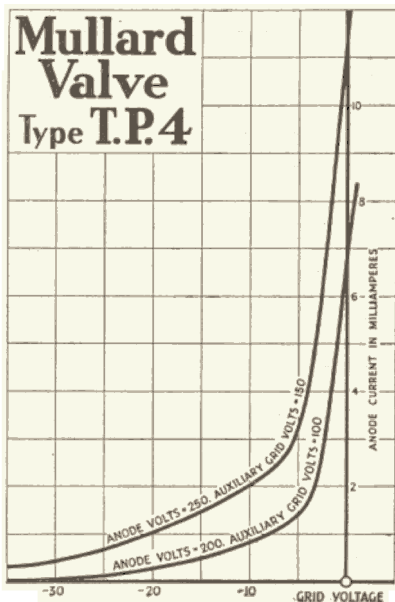
The T.P.4 is supplied with metallised bulb only.

CHARACTERISTICS.

- (1) *Pentode* (at Anode Volts 250 ; Auxiliary Grid Volts 150 ; Control Grid Volts Zero).
Mutual Conductance 2.25 mA./V.
- (2) *Triode* (at Anode Volts 100 ; Control Grid Volts Zero).
Anode Impedance 31,000 ohms.
Amplification Factor 23
Mutual Conductance 0.75 mA./V.

APPLICATION.

Comprising a variable- μ H.F. pentode mixer element and a triode oscillator having a common cathode but otherwise completely screened from the mixer, the T.P.4 is intended for use as frequency changer in superheterodyne receivers. Recommended circuit arrangements and conditions are given on page 96.



PRICE 20/-

Mullard
THE MASTER VALVE