

## FURTHER INSTRUMENTS FOR THE RADIO SERVICEMAN (CONTD.)

R.F. Range: 70 kc/s to 50 Mc/s.  
Tone Source and modulator: 1,000 c/s  
a.f. power: measured up to 1 watt.

### MARCONI F.M. RECEIVER TESTER TYPE TF913

A combined f.m. and a.m. signal generator and a.f. power meter.  
Range: 21/168 Mc/s frequency modulated up to 75 kc/s deviation, or amplitude modulated to 30%.  
Conversion: Unit available for operation from 12V d.c.

### MARCONI AUDIO TESTER TYPE TF894

Combines beat frequency oscillator, 50 db ladder attenuator and a.f. voltmeter available for external use.  
Maximum output: 300 mW into 600 ohms or 5,000 ohms.  
Frequency range: 50 to 12,000 c/s  
Accuracy: 1.5% or 2 c/s.  
Voltmeter ranges: 10, 20, 40 and 80V.  
Distortion: 2.5% at 50 mW into 600 ohms, 500 - 8,000 c/s.  
5% at 30.0 mW into 600 ohms, 200 - 8,000 c/s.

### MARCONI OUTPUT METER TYPE TF340

For use at audio frequencies.  
Range: 0.1 milliwatts to 5 watts in four steps.  
Input impedance: 2.5 ohms to 20,000 ohms in 40 steps.  
Accuracy: limited by that of copper oxide rectifier.

### MARCONI UNIVERSAL BRIDGE TYPE TF868

Measures inductance and capacitance at 1,000 c/s, resistance at d.c. a.c. mains operators.  
Inductance: Direct reading 1 uH to 100H.  
Capacitance: 1 uuF to 100 uF.  
Resistance: 0.1 ohms to 10 megohms.  
Q range: 0.1 to 1,000; tan 0.001 to 10.

