

TYPE 758-A WAVEMETER

FR-39/U

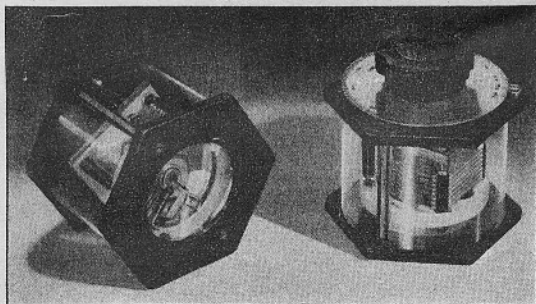
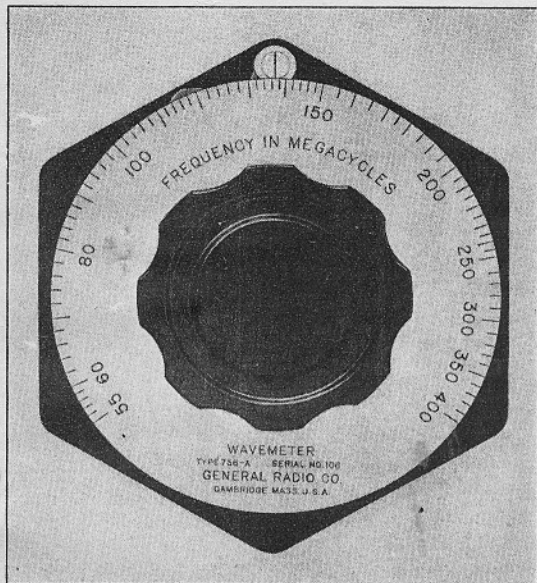
USES: In the very-high-frequency range, 55 to 400 Mc, this wavemeter provides a convenient and accurate means of measuring the frequencies of oscillators.

DESCRIPTION: TYPE 758-A Wavemeter is a tuned-circuit absorption type of instrument, in which the capacitance and inductance are varied simultaneously. This permits a wide range of frequency to be covered with a single coil. The coil is connected permanently into the circuit. The resonance indicator is an incandescent lamp.

FEATURES: ▶ A wide frequency range is covered without the bother of changing coils.

▶ A transparent material is used to enclose the circuit elements so that they can be seen at all times. This feature is of help in coupling the wavemeter to a circuit.

▶ The indicator lamp will glow when measuring the frequency of an oscillator with about two watts output. For low-power oscillators the reaction on the plate or grid current can be used to indicate resonance.



SPECIFICATIONS

Range: 55 Mc to 400 Mc, direct reading.

Accuracy: $\pm 2\%$.

Temperature and Humidity: The accuracy of this wavemeter is completely independent of temperature and humidity effects over the ranges normally encountered.

Resonance Indicator: Incandescent lamp.

Accessories Supplied: One spare indicator lamp.

Dimensions: 5 x 5 x 4 $\frac{3}{4}$ inches, over-all.

Net Weight: 1 $\frac{1}{2}$ pounds.