

(Joint-Services Designation; Frequency Meter, Resonant, 100 kc/s to 87 Mc/s)

SUMMARY OF DATA

PURPOSE

Measurement of carrier frequency of MF and HF transmitters.

DESCRIPTION

The instrument consists of a wide range absorption wavemeter in a teak case which also contains the range of 9 coils, calibration charts, spare battery and valve (CV2991). Resonance is indicated on a meter of f.s.d. 250 μ A, the reading being taken from the vernier scale attached to the slow motion drive for the variable capacitor. Battery voltage can be checked by depressing a switch on the front panel.

PERFORMANCE

Range: 100 kc/s to 48 Mc/s. Additional coil GRPAA covers range 48 - 87 Mc/s.

Accuracy: Better than \pm 0.5%.

PHYSICAL DATA

	Height	Width	Depth	Weight
Without Case	8 $\frac{1}{2}$ "	8"	5 $\frac{1}{2}$ "	10 lb
In Case	13 $\frac{1}{2}$ "	14 $\frac{1}{2}$ "	9 $\frac{1}{8}$ "	16 lb

POWER REQUIREMENTS

One large capacity single cell dry A.P.21060.

OTHER SERVICE OR COMMERCIAL DESIGNATIONS

S.T. and C. Universal Wavemeter Model R502.

HANDBOOK

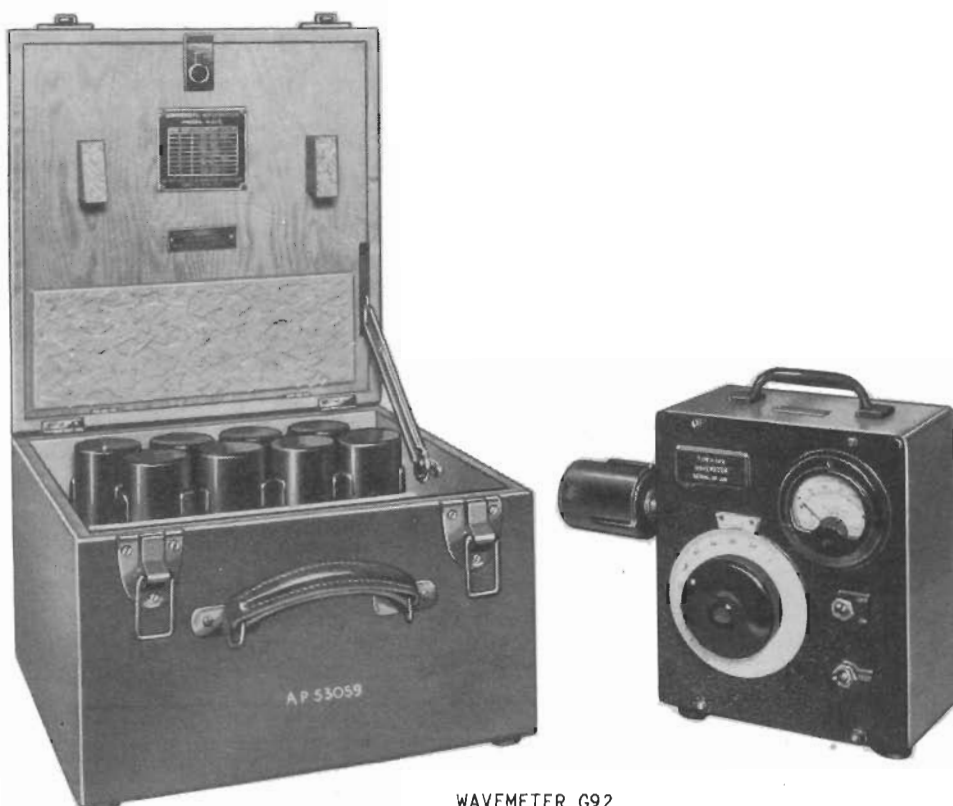
None

ESTABLISHMENT LIST

E.1115

PRODUCTION SPECIFICATION

None



WAVEMETER G92