

MODEL ARF-100 AF-RF SIGNAL GENERATOR

This unit is a precision piece of test equipment and therefore must be handled as such to insure many years of precisely calibrated use.

SPECIFICATIONS

AF SECTION

Frequency Range : Sine wave—20 to 200,000 cps in 4 bands
Square wave—20 to 30,000 cps

Calibration Accuracy : Plus or minus 2% plus 1 cps

Output Voltage : Sine wave Hi impedance 21V P/P 600 ohm 3.5V P/P
Square Wave Hi impedance 24V P/P 600 ohm 3.8V P/P

Distortion : Less than 1% I.M.D. HD.

Output Meter : Sensitivity 100 μ A, 600 ohm position Odb = 1 mW
Hi position + 3db = 7.75V.

Output Meter Accuracy : 3% FC

RF SECTION

Frequency Range : 100 Kc—150 Mc on 6 fundamental bands
120 Mc—300 Mc on harmonics

Frequency Accuracy : Plus or minus 1%

RF Output : 100,000 microvolts in the Hi position

Modulation : Frequency set on AF dial and external, modulation percentage as read directly on meter from 0 to 60%

Total Tube Complement : 2 Each 12AT7 — 1 each 12AX7 — 1 each 12BH7A — 2 each Silicon Diode — 2 cah Germanium Diode 1 each Thermistor

Power Consumption : AC 50/60 cps ~~15W~~^{250V} 16 VA

Dimension : 8½H × 12%W × 6D. Inches

Net Weight : 12 Pounds