#### -RANGES -

Frequency: 4 Hz to 2 MHz in 6 ranges.

# - PERFORMANCE RATINGS -

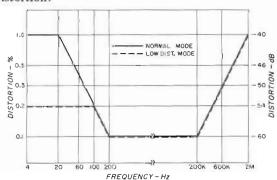
Dial Accuracy: +/-3% of frequency setting.

Flatness: At maximum output into 600 ohm load. 1 kHz reference.

Low Distortion Mode	+/-1%	+/-0.5%	+/-1%	+/-5%
Normal Mode	+5% -1%	+/-0.5%	+/-1%	+/-5%

2M(HZ)

### Distortion:



Hum and Noise: less than 0.01% of output.

#### OUTPUT CHARACTERISTICS ---

### SINE WAVE

Output Voltage: 5 V rms (40 mW) into 600 ohms; 10 V open circuit. Output can be floated up to +/-500 V peak between output and chassis ground.

Output Impedance: 600 ohms.

Output Control: 20 dB range continuously adjustable.

Output Balance: greater than 40 dB below 20 kHz.

## SOUARE WAVE

Output Voltage: 20 V p-p open circuit symmetrical about 0 V. Output can be floated up to +/-500 V peak between output and chassis ground.

Rise and Fall Time: less than 50 ns.

Symmetry: +/-5%

Output Impedance: 600 to 900 ohms depending upon setting of output control.

## EXTERNAL SYNCHRONIZATION —

Sync Impedance: 10 kilohm.

Sync Output: Sine wave in phase with output; amplitude working into 1 megohm shunted by 100 pF is greater than 1.7 V rms from 4 Hz to 50 kHz, greater than .1 V from 50 kHz to 2 MHz.

Sync Input: Oscillator can be synchronized to external signal. For 5 V rms input, sync frequency can be as much as +/-7% away from set frequency (sync range). Sync range is a linear function of sync voltage.

### - GENERAL ----

Operating Temperature: Instrument will operate within specifications from 0% C to 55% C.

Storage Temperature: -40% C to +75% C

Power: AC-Line 115V or 230V +/-10%, 48 Hz to 440 Hz, less than 7 W.

Dimensions:

Refer to Figure 2-1, page 2-2.

Accessories Available: HP 11075A Instrument Case.