

SPECIFICATION

A) AUDIO GENERATOR

FREQUENCY RANGE.....10Hz – 1MHz, 5 DECADE BANDS.
ACCURACY..... $\pm$ COUNT ACCURACY $\pm$ 1 DIGIT.
OUTPUT IMPEDANCE.....600 OHM, UNBALANCED.
OUTPUT CONTROL.....0, -20dB, -40dB AND FINE ADJUSTER.

SINE WAVE OUTPUT

RANGE.....10Hz – 1MHz
OUTPUT VOLTAGE.....8V. RMS. (MAXIMUM)
OUTPUT DISTORTION.....100Hz – 10KHz
LESS THAN 0.1 % 500Hz – 50KHz
LESS THAN 0.5% 50Hz – 500KHz

OUTPUT FLATNESS..... $\pm$ 1 dB (1KHz)

SQUARE WAVE OUTPUT

RANGE.....10Hz – 20KHz
OUTPUT VOLTAGE.....10Vp-p MAXIMUM
RISE TIME.....0.5us

SYNCHRONIZATION

RANGE..... $\pm$ 2% OF OSCILLATOR FREQUENCY PER V. RMS.
INPUT IMPEDANCE.....10 KOHM, APPROX
MAXIMUM INPUT.....10V. RMS
POWER I..... 240Vac 50Hz

B) FREQUENCY COUNTER

FREQUENCY RANGE.....HF 10Hz TO 10MHz
VHF 10MHz TO 150MHz
INPUT VOLTAGE.....LESS THAN 50mV
MAXIMAL INPUT VOLTAGE.....LESS ABOUT 3V EFFECTIVE
GATE TIMES.....3V
DEFINITION.....HF 1Hz/VHF 10Hz
INPUT IMPEDANCE.....HF 1 M Ω
VHF 50 Ω
OPERATION TEMPERATURE.....0 TO 40°C