

SIGNAL GENERATORS



Features

Compact Design

Low Distortion wave forms

AM / FM

TTL out

VCG in

Description

Signal Generators are usefull in electronic laboratories and educational institutions. These Signal Generators deliver very low wave form distortion and equipped with AM / FM

Technical Specifications

Waveform	: Sine, Triangle, Square.
Frequency Range	: 0.07Hz to 100 KHz
Frequency Indication	: $\pm 5\%$ of the full scale.
Maximum Output Level	: 0 - 2V pp
Sine wave Distortion	: <1.5% @1KHz(typ.0.6%)
Square wave Rise & Fall time	: <0.500n sec.

Modulation by an External Signal

Frequency Modulation	: 3:1 (max to min freq. ratio) (all waveforms)
Amplitude Modulation	: Max. modulation depth 80% For sine and triangle wave).
Modulating Frequency	: DC to 20KHz.
Input Impedance	: 10K ohms for both inputs.
AM Input	: 2V pp (For modulation depth 80% approx).
FM Input	: 2V pp (For 3:1 max to min : frequency ratio).
Mains Power	: 230VAC $\pm 10\%$ single phase 50Hz 110VAC (optional)