

DIGITAL SIGNAL GENERATOR

Model M 2001



Preliminary Data

- **Power Wastage :**

Input Voltage : Alternating current 110V or 220V for choice

Power wastage : about 10 watts

- **Sine Wave Nature :**

Output Voltage : 5V

Distortion ratio : <0.1% 400Hz ~ 200KHz

< 0.5% 50Hz ~ 500KHz

Evenness output : ± 1.5 decibels (about equal to 1KHz)

- Strongly steady electro-circuit.
- Digital Display about frequency & operate conveniently.
- Frequency Range : 6-phases from 0.2Hz ~ 2MHz.
- Output for empty carry arrive at 5V, 600Ω carried will be higher than 2V (sine wave).
- Output Voltage balance may be adjusted by 2 groups of attenuator every 20dB & f 40dB, total 60dB or potentiometer in continuity.
- Sine wave of square wave may be chosen to output.

ELECTRICAL SPECIFICATIONS :

- **Frequency Range :**

X1 shift : 0.2Hz ~ 20Hz

X10 shift : 2Hz ~ 200Hz

X100 shift : 20Hz~ 2KHz

X1K shift : 200Hz ~ 20KHz

X10K shift : 2KHz ~ 200KHz

X100K shift : 20KHz ~ 2MHz

- **Square wave nature :**

Output Voltage : >10V (highest point)

Rising time : < 0.25 microseconds

(within 200KHz)

Empty occupied ratio : 50% $\pm 5\%$

(from 1KHz to 200KHz)

- **The Nature of Output Pole :**

Output impedance : $600\Omega \pm 10\%$

Attenuator : -20dB, -40dB & in 60dB series.

- **Dimension :** 270 x 225 x 90 mm.

- **ACCESSORIES :** User Manual & Mains Power Cord.

All Specifications are subject to change without prior notice.