

KUSAM-MECO

An ISO 9001:2008 Company

®

DIGITAL SIGNAL GENERATOR

Model KM 2001

NEW**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)**FEATURE :**

- 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, 600 Ω 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 Ω \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.

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