KUSAM-MECO®
An ISO 9001:2015 Company

# DIGITAL SIGNAL GENERATOR
## Model KM 2001

THINK SAFETY
THINK KUSAM-MECO®

NEW




**Preliminary Data**

### 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, 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% ±5% (from 1KHz to 200KHz)

- **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)

- **The Nature of Output Pole :**
  - Output impedance : 600Ω ± 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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