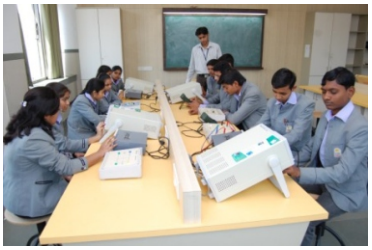
KUSAM-MECO®
An ISO 9001:2015 Company

FUNCTION GENERATOR
Model - KM 2002

THINK SAFETY
THINK KUSAM-MECO®

8 FUNCTIONS 10 RANGES







SPECIAL FEATURE

- It's convenient to operate and use with ease as it uses the single microprocessor to control running & displaying.
- Large scale single integrated accuracy function generator leads to super performance.
- Designed using large scale integrated circuit to insure the high reliability and high stability.

FEATURES

- KM 2002 is an accurate testing Function Generator
- It can output the following function wave: sine wave, square wave, rectangle wave, sawtooth wave and triangle wave.
- The frequency, amplitude and duty cycle can be adjusted as required.
- **Frequency range :** 0.2 - 2MHz.
- 5 - digit LED frequency display, 3- digit LED amplitude display synchronously.
- **Attenuation :** 20db / 40db.

ELECTRICAL SPECIFICATIONS : KM 2002

SPECIFICATIONS :

Frequency Range	0.2Hz / 2Hz / 20Hz / 200Hz / 2kHz / 20kHz / 200kHz / 2MHz (Seven Ranges)
Duty Cycle	20% ~ 80% (± 10%)
Output Signal Impedance	50 Ω
Output Signal Wave-form	Sine wave, square wave, rectangle wave, sawtooth wave & triangle wave
Output Signal Amplitude (peak-peak value)	Non-attenuate(2Vp-p ~ 20Vp-p) ± 20% continuously adjustable Attenuate 20dB (0.2Vp-p ~ 2.0Vp-p) ± 20% continuously adjustable Attenuate 40dB (20mVp-p ~ 200mVp-p) ± 20% continuously adjustable The above are measured with load 1MΩ, the output signal amplitude will be half of standard at 50Ω load.
Display	5 digits LED frequency display and 3 digits LED amplitude display synchronously.
Sine Wave	Distortion < 2%
Triangle Wave	Linear > 99%
Square Wave	Rise edge times / Fall edge times < 100 nS
Measurement Error	≤ 0.5%
Time Base	Frequency : 12 MHz, Frequency Stability : ± 5 x 10^{-5}
Signal Frequency Stability	< 0.1% / Minute
Working Temperature	0°C ~ 40°C
Power Consumption	≤ 15W
Duty Cycle	Adjust range is 20 % ~ 80%
Power Supply	220V / 110V ± 10%, 50Hz / 60Hz ± 5%
Dimension	270 (W) x 215 (L) x 100(H) mm
Weight	Approx. 1.6kg

All Specifications are subject to change without prior notice

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