

FUNCTION GENERATOR

Model KM 2010

**NEW****FEATURE :**

- Frequency of the mode : 0.1Hz ~ 10MHz
- Output waveform : Sine, Triangle, Square, ramp \pm Pulse
- TL / CMOS and OUTPUT synchronous output.
- Less than 1% distortion at 10Hz-- 100KHz
- Less than 0.5dB frequency response at 0.1Hz-- 100KHz
- 1Hz-- 30MHz frequency counter.

Preliminary Data

ELECTRICAL SPECIFICATIONS :

- **Frequency** : 0.1Hz ~ 5MHz
- **Output waveforms** : Sine, triangle, square, positive and negative pulse, positive and negative ramp
- **Output impedance** : $50\Omega \pm 10\%$
- **Amplitude** : Not less than 50Vpp (open circuit)
- **DC voltage** : 0 ~ $\pm 10V$ continuously adjustable
- **Symmetry range** : 90:10-- 10:90
- **Rising edge of square** : Less than 35ns
- **SINE CHARACTERISTIC :**
 - Distortion** : Less than 1% at 10H - 100KHz
 - Frequency response** : 0.1 Hz ~ 100 MHz : $\leq \pm 0.5dB$
- **TTL/CMOS OUTPUT :**
 - Level** : Level: TTL low level less than 0.4V in pulse wave, high level less than 3.5V,
CMOS low less than 0 - 14V continuously variable.
 - Rising time** : Less than 100ns
- **VCF INPUT :**
 - Output voltage** : -5V ~ 0V ± 10
 - Max. volt controlled** : 1000:1
 - Input signal** : DC - 1KHz
- **FREQUENCY COUNTER :**
 - Measuring range** : 1Hz ~ 10MHz $\geq 10Vp-p$
 - Input impedance** : Not less than $1M\Omega / 20F$
 - Sensitivity** : 100mVrms
 - Max. Input** : 150V (AC+DC)
 - Input attenuation** : 20dB
 - Accuracy** : Less than 0.003% ± 1 digit
 - Line power** : 220V/110V $\pm 10\%$ 50Hz/60Hz
- **Dimension** : 270 * 225 * 90mm.
- **Weight** : About 2.5Kg

All Specifications are subject to change without prior notice.