

FEATURES

- Frequency of the models: 0.1Hz ~ 1MHz / 2MHz / 3MHz
- Output Waveforms: Sine, Triangle, Square, Ramp, Pulse
- Voltage Control Frequency (VCF) Capacity
- TTL/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



TECHNICAL SPECIFICATIONS

Specifications	FG-1000	FG-2000A	FG-3000
Frequency Range	0.1Hz ~ 1MHz	0.1Hz ~ 2MHz	0.1Hz ~ 3MHz
Output Waveforms	Sine, Triangle, Positive and Negative Pulse, Positive and Negative Ramp		
Output Impedance	50 Ohms +/- 10%		
Output Amplitude	Not Less than 20Vp-p (open circuit), 10Vp-p (50 Ohms Load)		
DC Voltage	0 ~ +/- 10V Continuously adjustance		
Symmetry Range	90:10 - 10:90		
Rising Edge of Square	Less than 100nS		
Sine Wave Charactersitics			
Distortion	Less than 1% at 1 - 100kHz		
Frequency Response	0.1Hz ~ 100kHz: Less than +/- 0.5dB 100kHz ~ 2MHz: Less than +/- 1dB		
TTL/CMOS Output			
Level	TTL Low level less than 0.4V in pulse wave, high level less than 3.5V CMOS Low level less than 0.5V in pulse wave, high level 5V ~ 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 ~ 30MHz		
Input Impedance	Not less than 1M.Ohms // 20pF		
Sensitivity	100mV rms		
Max. Input	150V (AC + DC)		
Input Attenuation	20dB		
Accuracy	Less than 0.003% +/- 1 digit		
Line Power	220V / 110V +/- 10%, 50Hz / 60Hz		
Dimension	300 (w) x 260 (h) x 100 (d) mm		

*Technical Specifications & Appearance are subject to change without prior notice