SFG-1000 specifications

SFG series must be powered for at least 30 minutes within the ambient temperature 20°C~30°C to meet this spec.

Main	Output Function	Sine, Square, Triangle ,TTL
	Amplitude Range	2mVpp~10Vpp (50Ω load)
	Amplitude Accuracy	±20% at maximum position (SFG-1013 only)
	Impedance	50Ω ± 10%
	Attenuator	−40dB ± 1dB x1
	DC Offset	< −5V ~ >+5V (50Ω load)
	Duty Range	25% ~ 75%, ≤1MHz (Square Wave)
	Display	6 digits LED display
Frequency	Sine/Square Waveform Range	0.1Hz ~ 3MHz
	Triangle Waveform Range	0.1Hz ~ 1MHz
	Resolution	0.1Hz maximum
	Stability	±20ppm Accuracy
		±20ppm
	Aging	±5ppm/year

Sine Wave	Harmonic Distortion	≥−55dBc, 0.1Hz ~ 200kHz ≥−40dBc, 0.2MHz ~ 2MHz ≥−35dBc, 2MHz ~ 3MHz (At maximum position without any attenuation to 1/10 of any combination setting, TTL Off)
	Flatness	< ± 0.3dB, 0.1Hz ~ 1MHz < ± 0.5dB, 1MHz ~ 2MHz < ± 1dB, 2MHz ~ 3MHz (At the max amplitude relating to 1kHz)
Triangle Wave	Linearity	≥ 98%, 0.1Hz ~ 100kHz ≥ 95%, 100kHz ~ 1MHz
Square Wave	Symmetry	±5% of period + 4ns, 0.1Hz ~ 100kHz
	Rise/Fall Time	≤ 100ns at maximum output, 50Ω load
TTL Output	Level	≥ 3Vpp
	Fan Out	20 TTL Load
	Rise/Fall Time	≤ 25ns
General	Power Source	AC 100/120/220/240V ±10%, 50/60Hz (Line voltage setting is factory installed)
	Operation Environment	Indoor Use, Altitude Up to 2000m Ambient Temperature 0 ~ 40°C Relative Humidity ≤ 80%, 0 ~ 40°C Install Category II / Pollution Degree 2
	Storage Environment	Temperature −10 ~ 70°C Humidity ≤70%
	Accessories	Instruction Manual x 1 GTL-101 x 1
	Dimension	251 (W) x 91 (H) x 291 (D)
	Weight	Approx. 2.1kg