

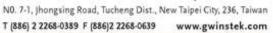
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## SFG-1000 specifications

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 only)	±20% at maximum position (SFG-1013
	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

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Sine Wave	Harmonic Distortlon	≥-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	$<\pm$ 0.3dB, 0.1Hz $\sim$ 1MHz $<\pm$ 0.5dB, 1MHz $\sim$ 2MHz $<\pm$ 1dB, 2MHz $\sim$ 3MHz (At the max amplitude relating to 1kHz)
Triangle Wave	Linearity	≥ 98%, 0.1Hz ~ 100kHz ≥ 95%, 100kHz ~ 1MHz
Square Wave	Symmetry Rise/Fall Time	$\pm 5\%$ of perlod + 4ns, 0.1Hz ~ 100kHz $\leq$ 100ns at maximum output, 50 $\Omega$ load
	Level	≥ 3Vpp
TTL Output	Fan Out	20 TTL Load
•	Rise/Fall Time	<b>≤ 25ns</b>
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 Amblent Temperature 0 ~ 40°C Relative Humldity ≤ 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