



GFG-8015G Function Generator delivers the most economic solution available for signal generating demand within 2MHz frequency range. GHG-8015G offers extra values of TTL output, and 1000:1 Tuning Range. Together with the standard functions such as Variable DC Offset Control, Output Overload Protection, and VCF input function, GFG-8015G are the most affordable choice for educational usage as well as for production lines at the most competitive price.

GFG-8015G (2MHz)



FEATURES

- * Frequency Range: 0.2Hz ~ 2MHz
- * Waveforms: Sine, Triangle, Square, TTL Pulse
- * Variable DC Offset Control
- * Output Overload Protection
- * VCF Input Function
- * 1000:1 Tuning Range

SPECIFICATIONS

MAIN OUTPUT	
Waveforms	SINE, TRIANGLE, RAMP, SQUARE and TTL pulse Output
Amplitude	>20Vp-p (open circuit). > 10Vp-p (into 50 load)
Impedance	50 \pm 10%
Attenuator	-20dB, -20dB \pm 1.0dB (at 1kHz)
DC Offset	<-10V to> +10V (<-5V to >+5V into 50 load)
Duty Control	1:1 to 10:1 continuously rating
Frequency Range	0.2Hz to 2MHz 7 ranges
Range Accuracy	\pm 5% + 1Hz (0.2, 2.0 position)
SINE WAVE	
Distortion	<1% 0.2Hz to 200kHz
Frequency Response	<0.1dB 0.2Hz to 100kHz <0.5dB 100kHz to 2MHz
TRIANGLE WAVE	
Linear	98% 0.2Hz to 100kHz, 95% 100kHz to 2MHz
SQUARE WAVE	
Symmetry	<2%, 0.2Hz to 100kHz
Rise/Fall Time	<100nS
TTL OUTPUT	
Level	>3Vp-p
Rise/Fall Time	<25nS
VCF (Voltage Controlled Frequency)	
Input Voltage	Approx. 0 ~ 10V \pm 1V input for 1000 : 1 ; frequency ratio
Impedance	10k (\pm 10%)
POWER SOURCE	
AC100V/120V/220V/230V \pm 10% , 50/60Hz	
DIMENSIONS & WEIGHT	
230(W) x 95(H) x 280(D) mm, Approx. 2.0kg	

ORDERING INFORMATION

GFG-8015G 2MHz Function Generator

ACCESSORIES :

User manual x 1, Power cord x 1, GTL-101 x 1