

FG-02

2MHz Function Generator with Frequency Counter



FEATURES

- 6-Digit LED Display
- 30MHz Frequency Counter Int/Ext
- Attenuator: -20dB, -40dB, -60dB and -20dB variable
- DC offset, symmetry continuously adjustable
- VCF Input

SPECIFICATIONS

Output Frequency	:	0.2Hz ~ 2MHz
Output Waveforms	:	Sine, Square, Triangle, Ramp, Pulse, etc.
Output Impedance	:	50Ω ±10%
Output Amplitude	:	≥20Vp - p (1MΩ Load); >10Vp - p (50MΩ Load)
Output Attenuation	:	0dB / 20dB / 40dB/60dB
DC Offset	:	0 ~ ±10V(1MΩ Load); 0 ~ ±5V(50MΩ Load)
Symmetry	:	10% ~ 90%

SINE WAVE

Distortion Factor	:	20Hz ~ 20kHz ≤ 1%
Frequency Response	:	2Hz ~ 2MHz ≤ ±1dB

SQUARE WAVE

Rise or Fall Time	:	≤ 30ns
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TTL OUTPUT

Rise or Fall Time	:	≤ 50ns
Low Level	:	≤ 0.4V
High Level	:	≥ 3.5V

COUNTER

Frequency Range	:	0.5Hz ~ 30MHz
Input Impedance	:	10KΩ ±10%
Sensitivity	:	200mVrms
Accuracy	:	0.1Hz/1Hz
Error	:	≤ 0.1%±1 digit
Max. Input Voltage	:	50Vp-p
Power Source	:	220~240VAC±10%, 50Hz±2Hz

ACCESSORIES	:	BNC-BNC Cables, Power Chord, Instruction Manual
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