

# SIGNAL GENERATOR (FUNCTION)

**Model : DFG - 2M - 1 ; 2 MHz**



F.G., having Sine, Square & Triangle Waveforms With Duty Cycle Variable

L.E.D., Display : 5 Digits for Frequency & 3 Digits for Amplitude

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SPECIFICATIONS		
<b>Main output</b>	Output Frequency	0.2 Hz ~ 2 MHz in 7 Ranges
	Output Waveforms	Sine wave, Square wave, Triangle wave etc.
	Output Impedance	50 Ω
	Output Amplitude	2 V p-p ~ 20 V p-p (No Load) ± 20 %
	Output Attenuation	0 dB / 20 dB / 40 dB
	DC offset	0 ~ ± 8 V adjustable
	Symmetry	20 % ~ 80 % (± 10 %)
<b>Sine wave</b>	Distortion factor : < 2%	
<b>Square wave</b>	Rise or fall time : ≤ 100 nS (10 % ~ 90 % of O/P Amplitude)	
<b>Time Base</b>	12 MHz, Stability : ± 5 x 10 <sup>-5</sup>	
<b>Frequency Display</b>	5 Digits L.E.D. Max.	
<b>Amplitude Display</b>	3 Digits L.E.D. Max. , taken @ 50 Ω load condition Displays V p-p or mV p-p	
<b>Attenuation</b>	20 dB / 40 Db	
<b>Power source</b>	110 / 220 V AC (± 10 %), 50 Hz / 60 Hz (± 5 %)	
<b>Accessories Supplied</b>	Mains Cord, Test Leads & Operating Manual.	
<b>Dimensions &amp; weight</b>	270 x 215 x 100 mm & Approx 1.6 Kg.	
<b>FOR BEST RESULT (ACCURACY), PLEASE USE THE INSTRUMENT AFTER ATLEAST 30 Minutes WARM-UP TIME.</b>		