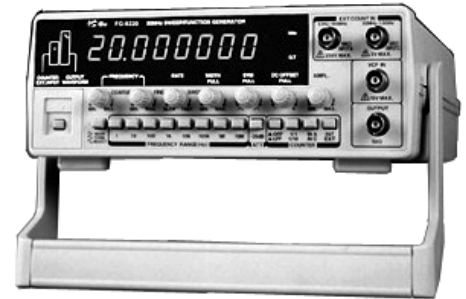


20MHz Sweep Function Generator

*Model FG8220**Part No. 01FG8220*[Back to 01FG8220 Main Page](#)

SPECIFICATIONS

Function		FG-8220	
Output Characteristics	Frequency Range	Sine wave: 0.2Hz to 20MHz in 8 Range (Square & Triangle wave : 0.2Hz to 10MHz)	
	Level & Impedance	± 5% of full scale frequency accuracy, 20Vp-p in open circuit / 10Vp-p into 50Ω Load, 50Ω ± 5%	
	Attenuator	20dB fixed and continuously variable	
Waveform Characteristics	Sine wave	Flatness	± 3dB to 20MHz
		Distortion	≤ 1.5 % at 0.2 Hz to 100 kHz
	Square wave	Rise and Fall Time : Less than 25 nSec	
	Triangle wave	Linearity : More than 99% to 100 kHz	
	TTL/CMOS Output	Rise and Fall Time : Less than 25 nSec at 10MHz TTL Level : H ≥ 2.4V, L ≤ 0.4V	
	Symmetry Variation	Sine & Square : 80:20 to 20:80 (Up to 2MHz) Triangle : 80:20 to 20:80 (Up to 1MHz)	
Sweep Function Characteristics	Mode / Width	Linear / Variable from 1 : 1 to 10 : 1	
	Frequency Range	Input A: 0.1Hz to 100MHz, Input C: 80MHz to 3.0GHz	
	Low pass Filter	-3dB, 100kHz	
	Time base	10MHz, TCO, 1ppm	
	Input Sensitivity	Input A : 30mVrms(0.1Hz -80MHz), 70mVrms(80-100MHz) Input C : 20mVrms(80MHz to 2.0GHz) 40~70mVrms(2.0GHz to 3.0GHz)	
	Max. Input Voltage	Input A: 35Vp-p , Input C: 3Vrms	
General	Power Requirement	115V or 230 VAC ± 10%, 48 to 66Hz	