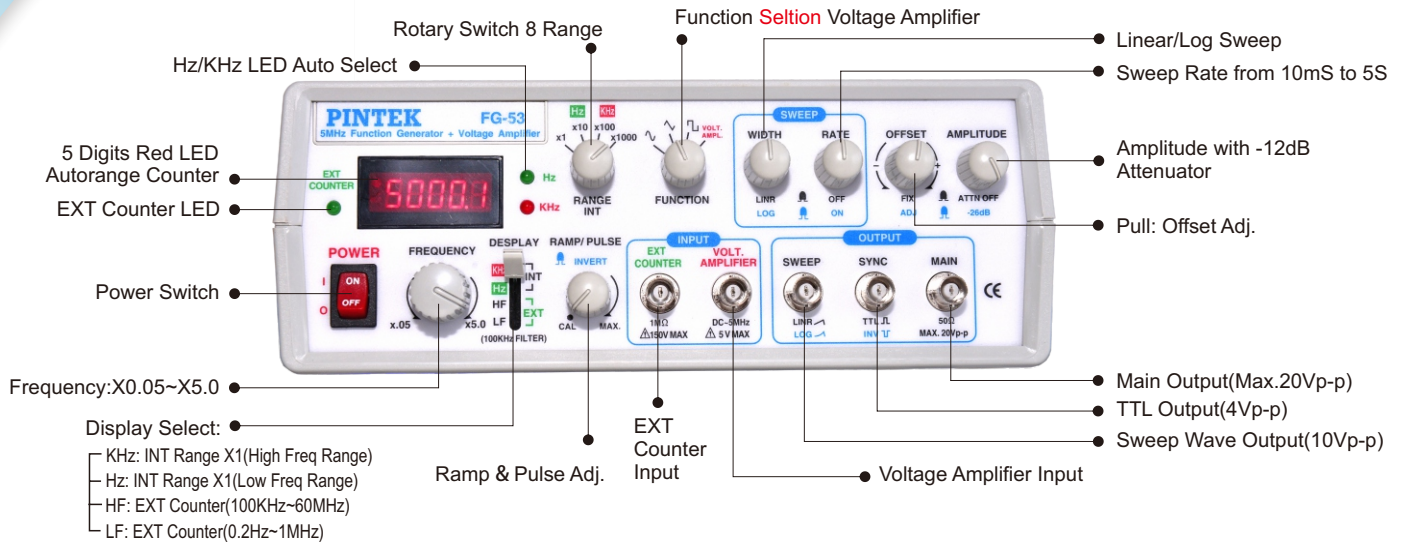


# FG-53

# FUNCTION GENERATOR (Built-in Voltage Amplifier)



## SPECIFICATIONS:

FUNCTION	ITEM	SPECIFICATION
Main Output	Frequency Range	0.5Hz to 5MHz in 8 Range
	Waveforms	4 Waveforms(INS, Square, Triangle, DC)
	Amplitude	20Vp-p/Open, 10Vp-p/50Ω Load
	Attenuator / Output Impedance	X20(-26dB) ±2%, X1(0dB) / 50Ω(±2%)
	DC Offset / Frequency Accuracy	±10V With Pull ADJ Switch / ±0.02%+1D
	Distortion / Rise, Fall Time	< 1%, 1Hz to 100KHz / < 90nS
	V.C.F Input	0 to ±10V Control Frequency to 1000:1
Sync Output	Rise Time / Level / Waveform	< 60nS / > 3Vp-p(open) / Square, Pulse
Sweep	Mode	Linear / Log Sweep
	Width	> 100 : 1 Continuously Variable
	Rate	From 10mS to 5S Continuously Variable
	Sweep Output / Output Impedance	10Vp-p(open) / 1KΩ ±2%
Counter	Display	5 Digits 0.36" Red LED Display With Autorange
	Gate Time / Resolution	Auto Select (0.25S~10S) / 0.001Hz
	Mode	INT/EXT HF/EXT LF(100K Hz Filter)
	Accuracy	Time Base Accuracy ±1count
	Time Base	20MHz ±20PPM(23 ±5°C)
	Frequency Range / Sensitivity	0.2Hz ~ 60MHz / 25mVrms at 1MHz
	Max Input / Input Impedance	150Vrms / 1MΩ ±2%
	Sensitivity	AC 115V/230V ±10%, 50/60Hz, 25Watt
Dimension / Weight	275(W)x90(H)x300(D)mm / 2.5Kg	
Voltage Amplifier	MAX. Output	20Vp-p/40mAp-p ; ±10V DC
	Band-width / Gain	DC~5MHz(< -3dB) / 0~10, Adjust
	Max. Input / Rise, Fall Time	≤ ±5V DC or AC 5Vp-p / ≤ 90nS

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