- Sine, Square, Triangle, pulse, ramp & 50Hz Sine wave Outputs
- 5 Digital LED Display
- Ext. Frequency measurement facility
- Reliable soft switches for ease of uses
- Ex.FM & VCF inputs
- TTL/CMOS output
- DC offset provided
- All inputs & output duly protected

TEKLAB FUNCTION Generator is a low-cost unit built using state of the art techniques.

The LED display directly displays the output frequency with good calibration accuracy as also output waveform type.

Sine, Square, Triangular and Pulse wave forms are available.

TECHNICAL SPECIFICATIONS

Freq. (0.1 Hz to)		2MHz	
Main Output	Waveforms	Sine wave, Square wave, Triangle wave etc.	
	Impedance	50 Ω (± 10 %)	
	Amplitude	≥ 20 V p-p (No Load). 10 V p-p with 50 Ω Load.	
	Attenuation	0 dB / 20 dB / 40 dB / 60 dB	
	DC offset	0 ~ ± 10 V, Continuously Adjustable	
	Symmetry	20 % ~ 80 % / 80 % ~ 20 % (1 Hz ~ 100 K Hz)	
Sine wave	Distortion factor	< 1% (0.1 Hz ~ 100 K Hz)	
	Freq. response	≤ ± 0.5 dB (0.1 Hz ~ 100 K Hz), ≤ ± 1 dB (100 K Hz ~ 2 MHz)	
Square wave Rise / Fall time		≤ 100 n S	≤ 50 n S
Triangle wave		Linearity: 90%	
TTL / CMOS Output (Impedance = 600Ω)		Level: TTL - Low: ≤ 0.4 &High: ≥ 3.5 V. CMOS - Low: 0.5 V &High: 5~14 V. Continuously Variable. Rise or fall time: ≤ 100 n S	
VCF		Input voltage: - 5V ~ 0 V, DC ~ 1 KHz. Max. Control: 1000:1	
Counter	Display	5 digits LED	
	Frequency range	1 Hz ~ 30 MHz	
	Input impedance	1 M Ω // 20 pF	
	Sensitivity	100 mV rms	
	Accuracy	≤ 0.003 % ± 1 Digit	
	Attenuator	20 dB	
	Max. Input	150 V (AC + DC) (With Attenuator)	
Accessories Supplied		User's Manual, Mains Cord & BNC Cable.	
Power source		220 V AC (± 10 %), 50 Hz (± 2 Hz)	
Dimensions & weight		225 x 106 x 285 mm (W x H x D) & Approx 4 Kg.	

**All Specifications & appearance are subject to change without prior notice.*

Manufactured by,
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2 YEARS WARRANTY