TECPEL

FG 30 / FG 32

FUNCTION GENERATOR



- 6 FUNCTION, 6RANGE.
- 0.5Hz~3MHz.
- LINEAR/LOG SWEEP
- 20Vp-p OUTPUT

FG 30



- 6 FUNCTION, 6RANGE.
- LINEAR/LOG SWEEP.
- AUTORANGE COUNTER.
- 0.001Hz RESOLUTION.
- AUTO GATETIME.
- COUNTER TRIGGER DETECT.

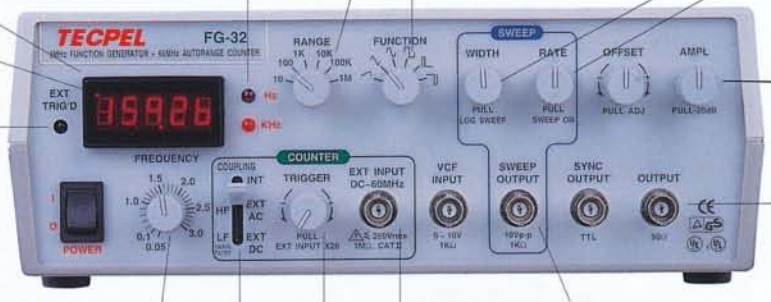
FG 32

CE UL cUL TÜV Rheinland GS

IEC 1010
EN 61010

TECPEL

FG 30 / FG 32
FUNCTION GENERATOR



5 digits red LED autorange counter

Decimal point /Hz/KHz LED Auto select.

Rotary switch 6 range

6 Function Waveform

Linear/log sweep

Sweep rate from 10mS to 5S

Auto gatetime

Amplitude with -20dB attenuator

EXT TRIG'D LED
Light : Trig Level too high
Dark : Trig Level too low
Flask : Triggling

Output lever from 0.1Vp-p to 20Vp-p

Sweep output 10Vp-p

Frequency:X0.05~X3.0

0.200Hz to 60MHz 250Vrms MAX.Input.

EXT counter trigger level control & Input attenuator -26dB

AC/DC,HF/LF,100KHz filter switch

ITEM	FG-32	FG-30
MAIN OUTPUT		
Frequence Range	0.5Hz to 3MHz in 6 Range	
Waveforms	6 Waveforms(Sins , Square , Triangle , Ramp , +Pulse , -Pulse)	
Amplitude	20Vp-p / Open , 10Vp-p / 50Ω Load	
Attenuator	0dB , -20dB (± 2%)	
Output Impedance	50Ω(± 2%)	
DC Offect	± 10V With Pull ADJ Switch	
Freq Accuracy	Counter Accuracy	Sine wave on full scale< 3%
Distortion	<1% , 1Hz to 100KHz	
Rise /Fall Time	<60ns	
V.C.F Input	0 to ± 10V control frequency to 1000 : 1	
SYNC OUTPUT		
Rise time	<40nS	
Level	>3Vp-p (open)	
Wavefrom	Square , pluse	
SWEEP		
MODE	Linear/Log Sweep	
Width	>100 : 1 continuously variable	
Rate	From 10mS to 5S continuously variable	
Sweep Output	10Vp-p(open)	
Output Impedance	1KΩ± 2%	
COUNTER		
Display	5 digital 0.36 Red LED display with Autorange	—
Gate time	Auto Select (0.25S~10S)	—
Resolution	0.001Hz	—
MODE	INT Function Generator/EXT counter	—
Attenuator	0dB , -26dB (20)	—
Accuracy	± Time Base Accuracy ± 1count	—
Time Base	20MHz ± 10PPM(23± 5℃)	—
Frequence Range	0.2Hz~60MHz	—
Sensitivity	25mVrms at 1MHz	—
Max Input	250Vrms	—
Input Impedance	1MΩ± 2%	—
Power Source	AC 115V/230V± 10% , 50/60Hz , 25watt	
Dimension	275(W) 90(H) 300(D)mm	
NET Weight	2.5kg	2.2kg