



## 3MHz Digital Function Generator with 60MHz Counter FG-32



**FG 32 (6 Functions , 6 Ranges with counter)**

1. Six waveform functions - Sine, Triangle, Square, Ramp +/- Pulse.
2. Frequency Range 0.5Hz ~ 3MHz
3. 5 digit autorange counter LED display
4. Internal/External counter function.
5. Linear/Log sweep. Sweep rate 10mS ~ 5S.
6. External counter trigger level control.
7. VCF input 0 ~ +/- 10V Voltage control  
frequency to 1000:
8. Amplitude : 20V p-p (open);10V p-p (50 Ohm load).

### Specifications:

- **Main Output Specification:**
  - Frequency Range : 0.5Hz to 3MHz in 6 ranges.
  - Waveforms : 6 waveforms(Sins, Square, Triangle, Ramp, + Pulse, - Pusle)
  - Amplitude 20V p-p/ Open, 10V p-p/ 50 Ohm Load
  - Attenuator : 0 dB, -20 dB (+/- 2%)
  - Output Impedance: 50 Ohm (+/- 2%)
  - DC Offset : +/- 10V with Pull ADJ Switch
  - Freq. Accuracy : Counter Accuracy
  - Distortion: < 1%, 1Hz to 100K Hz
  - Rise/Fall Time , 60 ns
  - V.C.F Input : 0 to +/- 10V Control frequency to 1000:1
- **SYNC OUTPUT**
  - Rise Time : < 40 ns
  - Level: > 3V p-p (open)
  - Waveform: Square, Pulse
- **SWEEP**
  - MODE: Linear/ Log Sweep
  - Width :> 100:1 continuously variable
  - Rate: From 10mS to 5S continuously variable
  - Sweep Output: 10V p-p (open)
  - Output Impedance 1K Ohm +/- 2%
- **60MHz COUNTER**
  - Display : 5 Digital 0.36 Red LED Display with Autorange
  - Gate Time: Auto Select (0.25S ~ 10 S)
  - MODE: INT function Generator /EXT Counter
  - Attenuator : 0 dB, -26 dB ( 20)
  - Accuracy: +/- Time base Accuracy +/- 1count
  - Time Base : 20MHz +/- 10 PPM (23+/- 5 deg. C)
  - Frequency Range: 0.2 Hz ~ 60MHz
  - Sensitivity: 25 mV rms at 1MHz
  - Max Input 250 V rms
- **General Specification:**
  - Power Source: AC 115/ 230V +/- 10% , 50/60Hz, 25 Watts
  - Dimension: 275 (W) x 90 (H) x 300 (D) mm
  - Net Weight : 2.5 kgs