



1MHz/ 2MHz/ 3MHz Waveform Generator with Frequency Counter



MODEL-FG- 1M

Technical Specifications	MODEL-FG- 1M	MODEL-FG- 2M	MODEL-FG- 3M
Frequency Range	0.01Hz - 1MHz	0.02Hz - 2MHz	0.03Hz - 3MHz
Waveforms	Sine, Square, Triangle	Sine, Square, Triangle	Sine, Square, Triangle
Accuracy	±2% plus 1 Digit	±2% plus 1 Digit	±2% plus 1 Digit
Maximum Output Level	20V pp & 10V pp into 50Ω	20V pp & 10V pp into 50Ω	20V pp & 10V pp into 50Ω
Attenuator	0-60dB in 3 steps	0-60dB in 3 steps	0-60dB in 3 steps
Sine Wave Distortion	<1% typical <100KHz; 3% > 100KHz	<1% typical <100KHz; 3% > 100KHz	<1% typical <100KHz; 3% > 100KHz
Square Wave Rise/Fall	< 70 nsec	< 70 nsec	< 70 nsec
Sync Output	TTL Pulse	TTL Pulse	TTL Pulse
C MOS out	NA	NA	NA
VCG Input	NA	NA	NA
Output DC Offset	0- +/-5V (Open Circuit)	0- +/-5V (Open Circuit)	0- +/-5V (Open Circuit)
Pulse Duty Cycle	0- ±2.5 V into 50 ohm	0- ±2.5 V into 50 ohm	0- ±2.5 V into 50 ohm
Pulse/Ramp	15% to 85% Variable Approximately.1/10 of normal at same setting	15% to 85% Variable Approximately.1/10 of normal at same setting	15% to 85% Variable Approximately.1/10 of normal at same setting
5 Watt Amplifier	NA	NA	NA
4/5 Digit 50MHz Counter	Yes 4 Digit / 5 digit	Yes 4 Digit / 5 digit	Yes 4 Digit / 5 digit
3 Digit Amplitude Display	NA	NA	NA
AM / FM	NA	NA	NA
Internal Sweep	NA	NA	NA
Mains Voltage AC 50Hz	230V±10% Optional 110V	230V±10% Optional 110V	230V±10% Optional 110V
Dimensions	285.00 mm(Width)X75.00 mm(Height)X230.00 mm(Depth)		
Weight	2.80Kg		

Note: Sai Systems reserves the right to specifications and are subject to change without notice. *With constant line, load and ambient temperature conditions. ** All dimensions are behind the panel 4 excluding legs