

FEATURES & FUNCTIONS

The new Metravi FG Series Digital Function Generators are versatile tools that play a crucial role in the development, testing, and maintenance of electronic devices and circuits by providing standardised and controlled electrical signals for analysis and experimentation.

They can produce various types of waveforms that are essential for testing and troubleshooting electronic circuits. These waveforms can mimic real-world signals that electronic devices might encounter.

They allow precise control over the amplitude (voltage level) of the generated signal. This control is important for simulating different signal strengths in electronic circuits.

Widely used in electronics laboratories, research facilities, and production environments, for tasks such as testing circuit responses, calibrating equipment, designing and debugging circuits.



TECHNICAL SPECIFICATIONS

	FG-1000	FG-2000	FG-3000	FG-5000
SIGNAL SOURCE				
Display	6 LED digits			
Output Waves	Sine, Square, Triangle			
Frequency Range	1Hz - 1MHz	1Hz - 2MHz	1Hz - 3MHz	1Hz - 5MHz
Voltage Output Amplitude	≥20Vp-p (Blank), ≥10V (50Ω Load)			
Amplitude Attenuate	0dB, -20dB			
Impedance Output	50Ω±10%			
Sine Wave Distortion	≤2% (20Hz – 20kHz)			
Square Wave Rising	≤40ns			
POWER				
Voltage	220VAC/110VAC±10%		50Hz±2Hz	
Power Consumption	≤20W			
Fuse	250V/0.2A			
GENERAL				
Dimensions	230 (W) x 85 (H) x 240 (D) mm			
Weight	2 kgs approx.			
Accessories	Cable with Clamp, Power Cable, User Manual, Spare Fuse			

*Technical Specifications & Appearance are subject to change without prior notice