

UTG9010A**Function Generators****SPECIFICATIONS**

Feature	UTG9010A
Waveforms	Sine, Square, Triangle, Ramp up, Ramp down, Exponential Rise, Exponential Fall
Sine	
Range	0.1Hz to 10MHz
Accuracy	0.01Hz ($\leq 3.05\text{kHz}$), 1Hz ($> 3.05\text{kHz}$)
Resolution	0.01Hz or 8 digit
Stability	$< 1\text{ppm}/^\circ\text{C}$
Harmonic Distortion	$< -55\text{dBc}$ to 20kHz $< -50\text{dBc}$ to 1MHz $< -40\text{dBc}$ to 10MHz $< -30\text{dBc}$ to 20MHz
Square	
Range	0.1Hz to 5MHz
Accuracy	0.01Hz ($\leq 3.05\text{kHz}$), 1Hz ($> 3.05\text{kHz}$)
Resolution	0.01Hz or 8 digit
Rise/Fall Time	$< 20\text{ns}$
Duty Cycle	20% to 80%
Triangle, Ramp, sin(x)/x	
Range	0.1Hz to 1MHz
Accuracy	0.01Hz ($\leq 3.05\text{kHz}$), 1Hz ($> 3.05\text{kHz}$)
Resolution	0.01Hz or 8 digit
Linearity	$< 0.2\%$ to 30kHz
Amplitude	
Range	0.5mVpp to 10Vpp (into 50 Ω), 1mVpp to 20Vpp (into open circuit)
Accuracy	$\pm 5\%$
Resolution	0.1mV
Output Impedance	50 Ω
Attenuator	20dB + 40dB
DC Offset	from -10V to +10V
EXT AM	
Input Impedance	1k Ω
Modulation Depth	Controlled by the amplitude of external signal, 100% (5Vp-p input)
Frequency Counter	
Frequency Range	1Hz to 100MHz
Amplitude Range	0.1Vp-p to 5Vp-p
Input Impedance	10k Ω
GENERAL CHARACTERISTICS	
Power	100-240VAC RMS 50/60Hz
Product Color	Red and Grey
Product Net Weight	3kgs
Product Size	320mm x 240mm x 100mm
Standard Accessories	BNC to BNC Cable, Power Cord, English Manual
Standard Individual Packing	Gift Box

<http://www.uni-trend.com/UTG9010A.html>