

UTG9003A
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Function Generators**SPECIFICATIONS**

Feature	UTG9003A
Waveforms	Sine, Square, Triangle, Ramp up, Ramp down, Exponential Rise, Exponential Fall
Sine	
Range	0.1Hz to 3MHz
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	AC 220V / 50Hz
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
Standard Quantity Per Carton	6 pcs
Standard Carton Measurement	660 x 410 x 600mm (0.162 CBM Per Export Carton)
Standard Carton Gross Weight	21kg

*Available at Extra Cost
 Specifications and other information are subject to change without further notice.

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