

Selection Guide

Series	Model	Channels	Sampling rate	MAX Frequency											
				600	500	350	160	120	80	60	30	25			
UTG9000T	UTG9604T	4	2.5GSa/s	●											
	UTG9504T	4	2.5GSa/s		●										
	UTG9354T	4	2.5GSa/s			●									
UTG4000A	UTG4162A	2	500MSa/s				●								
	UTG4122A	2	500MSa/s					●							
	UTG4082A	2	500MSa/s						●						
UTG2000A/B	UTG2122B	2	1.28GSa/s					●							
	UTG2082B	2	1.28GSa/s						●						
	UTG2062B	2	1.28GSa/s							●					
	UTG2025A	2	125MSa/s											●	
UTG900E	UTG962E	2	200MSa/s								●				
	UTG932E	2	200MSa/s									●			

UTG9000T Series Function/Arbitrary Waveform Generators



● UTG9604T

The UTG9000T Series pulse/function/arbitrary waveform generators with Direct Digital Synthesizer (DDS) technology generate accurate and stable waveform output with 600MHz bandwidth, maximum sampling rate of 2.5GSa/s and as low as 1μHz resolution. Accurate, stable, pure and low-distorted signal, simple operation, technical superiority and high-frequency square wave with rapid rising/falling edge can be also provided. These multi-functional instruments with various functions meet your requirements.

- 4 channels output
- Output: 600MHz sine wave, full-band resolution: 1μHz
- 200MHz pulse waveform with adjustable rise and fall time
- Sampling rate: 2.5GSa/s, vertical resolution: 16bits
- Arbitrary wave memory depth of 64Mpts, supports point-to-point output.
- Supports one-click SNR output.
- Frequency sweep modes: linear, logarithmic, list, stepping
- Modulation types: AM, PM, FM, DSBAM, ASK, PSK, BPSK, QPSK, FSK, 3FSK, 4FSK, QAM, OSK, PWM, SUM
- 10.1 inch capacitive touchscreen with 1280*800 resolution
- Digital protocol output: SPI, I2C, UART
- Standard interfaces: USB Host, USB Device, LAN

■ WAVEFORM GENERATORS

Key Specifications	UTG932E	UTG962E
Max. frequency	30MHz	60MHz
Channels	2	
Sampling rate	200MSa/s	
Vertical resolution	14 bits	
Waveforms	Sine, square, pulse, ramp, noise, DC, arbitrary	
Sweep modes	Logarithmic, linear	
Frequency Characteristics		
Sine	1μHz~30MHz	1μHz~60MHz
Square	1μHz~15MHz	1μHz~20MHz
Ramp	1μHz~400kHz	1μHz~400kHz
Pulse	1μHz~15MHz	1μHz~20MHz
Arbitrary	1μHz~10MHz	1μHz~10MHz
Resolution	1μHz	
Accuracy	Within 90 days ± 50ppm	
	Within 1 year ± 100ppm	
	18°C~28°C	
Output Characteristics		
Impedance	50Ω	
Amplitude range	1mVpp~10Vpp (50Ω); 2mVpp~20Vpp (high Z)	
DC offset range (AC+DC)	±5V (50Ω); ±10V (high Z)	
Amplitude resolution	1mV	
Power	100~240VAC, 50Hz/60Hz	
Display	4.3 inch TFT LCD(480×272)	
Product net weight	0.33kg	
Product size(W×H×D)	172mm x 90mm x 68mm	
Standard quantity per carton	4pcs	
Standard carton size	435mm x 360mm x 125mm	
Standard carton gross weight	3.8kg	

Ordering Information	
UTG900E Series	UTG962E: 60MHz, 200MSa/s, 2-Channel
	UTG932E: 30MHz, 200MSa/s, 2-Channel
Standard Accessories	Power cord conforming to the standard of the destination country
	UT-D14: USB interface cable
	BNC cables: 1pc, BNC to alligator clip line(1M): 1pc
	Power adapter