

UTG9000C-II Series

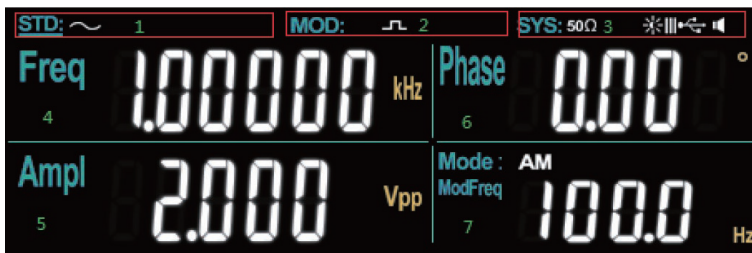
Function Arbitrary Waveform Generators



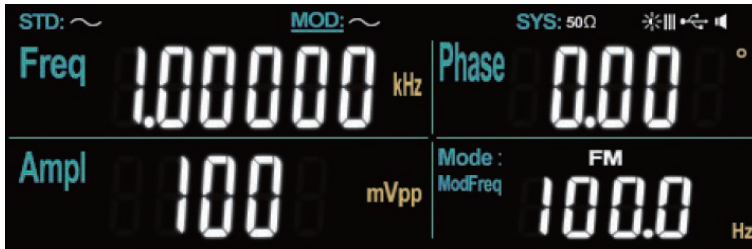
● UTG9005C-II

The UTG9000C-II Series is an economical single channel Waveform Generator with convenient operation interface. The Series is able to generate 20 types of Arbitrary Waveform with sampling rate up to 125MS/s, MAX frequency 5MHz, 14-bit vertical resolution.

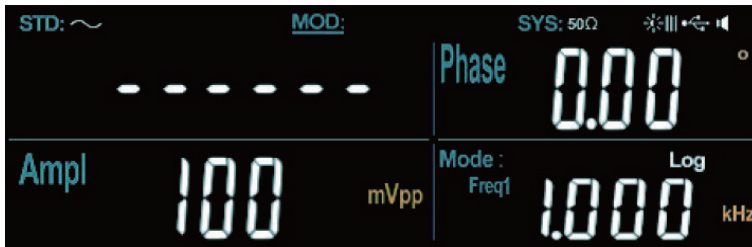
- 2MHz/5MHz sine waveform output, 1μHz full-band resolution
- DDS implementation with 125MSa/s sampling rate and 14 bits vertical resolution
- 20 sets of non-volatile digital arbitrary waveform stores
- High-accuracy, broad-band 6 bit frequency counter, range: 100mHz~100MHz
- Easy to use modulation type: AM, FM
- Ultra-black EBTN LCD display



- Single Channel, Clear and easy functional interface



- Easy to use modulation type



- Sweep function



- Arbitrary wave output

Technical Specifications	UTG9002C-II	UTG9005C-II
Max. frequency	2MHz	5MHz
Channel	1	
Sampling rate	125MSa/s	
Vertical resolution	14bits	
Waveforms	Sine,square,pulse,ramp,noise,DC,arbitrary (20 sets inside)	
Sweep modes	Logarithmic,linear	
Power output	4W	
Frequency Characteristics		
Sine	1μHz~2MHz	1μHz~5MHz
Square	1μHz~2MHz	1μHz~5MHz
Ramp	1μHz~200kHz	1μHz~200kHz
Pulse	1μHz~2MHz	1μHz~5MHz
Arbitrary	1μHz~1MHz	1μHz~1MHz
Resolution	1μHz	
Accuracy	Within 90 days ± 50ppm	
	Within 1 year ± 100ppm	
	18°C~28°C	
Output Characteristics		
Impedance	50Ω/High Z	
Amplitude range	1mVpp~10Vpp (50Ω); 2mVpp~20Vpp (high Z)	
DC offset range (AC+DC)	-5Vpp~5Vpp (50Ω) (AC+DC); -10Vpp~10Vpp (high Z) (AC+DC)	
Amplitude resolution	1mV	
Power	100~240V AC, 50Hz/60Hz	
Display	EBTN LCD	
Product net weight	2.8kg	
Product size (W×H×D)	265mm x 110mm x 320mm	
Standard quantity per carton	2pcs	
Standard carton size	380mm x 330mm x 320mm	
Standard carton gross weight	7kg	

Ordering Information	
UTG9000C-II Series	UTG9005C-II: 5MHz, 125MSa/s, 1-Channel
	UTG9002C-II: 2MHz, 125MSa/s, 1-Channel
Standard Accessories	Power cord conforming to the standard of the destination country
	UT-D14: USB interface cable
	BNC-alligator clip cable (1M): 1pc