

UTG4000A SERIES FUNCTION/ARBITRARY WAVEFORM GENERATORS



- 500MSa/s sampling rate and 16-bit vertical resolution
- 32Mpts arbitrary/7GB nonvolatile waveform storage
- Modulations available: AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, OSK, PWM, SUM, QAM
- 80MHz/120MHz/160MHz sine wave output
- 30MHz/40MHz/50MHz pulse waveform
- Adjustable rise/fall time
- Two equivalent-performance channels

	UTG4082A	UTG4122A	UTG4162A
Max frequency	80MHz	120MHz	160MHz
Channels	2		
Sampling rate	500MS/s		
Waveforms	Sine, square, ramp, harmonic, pulse, noise, DC voltage, arbitrary		
Working modes	Output on/off, continuous, modulation, sweep, burst		
Modulations	AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, OSK, PWM, SUM, QAM		
Frequency Characteristics			
Sine	1μHz~80MHz	1μHz~120MHz	1μHz~160MHz
Square/Pulse	1μHz~30MHz	1μHz~40MHz	1μHz~50MHz
Slope	1μHz~2MHz	1μHz~3MHz	1μHz~4MHz
Harmonic	1μHz~40MHz	1μHz~60MHz	1μHz~80MHz
Noise (-3dB)	80MHz bandwidth	120MHz bandwidth	160MHz bandwidth
Resolution	1μHz		
Arbitrary Waveform			
Frequency range	1μHz~20MHz	1μHz~30MHz	1μHz~40MHz
Length	8~32Mpts		
Vertical resolution	16 bits		
Min rise/fall time (typical: 1Vpp)	< 7ns	< 6ns	< 5ns
Power	100V~240V ACrms, 50Hz/60Hz		
Display	8-inch TFT LCD, WVGA (800 x 480)		
Product color	White and grey		
Product net weight	3.5kg		
Product size	336mm x 164mm x 108mm		
Standard accessories	BNC-BNC cable x 2, USB interface cable, PC software CD, power cord		
Standard individual packing	Carton box		
Standard quantity per carton	1pcs		
Standard carton measurement	405mm x 225mm x 265mm		
Standard carton gross weight	5.4kg		