



## UTG4162A Function/Arbitrary Waveform Generator

UTG4000A series is a multi-functional signal generator combines with function generator, arbitrary waveform generator, pulse generator, harmonic generator, analog/digital modulator, frequency counter and other functions; It has equal performance dual-channel design, making sample rate up

to 500MS/s, maximum arbitrary wave length up to 32Mpts. It has 7GB nonvolatile waveform storage, domestically first optional digital signal generator output module, 8 inches wide screen LCD displays, humanized interface design and reasonable function keyboard layout, which give users a more personalized experience.

#### Applications:

Designing, testing, troubleshooting, and repairing of electronic and electroacoustic devices, such as circuit and equipment testing in cellular and wireless systems, broadcasting, television and radio systems; semiconductor component testing etc.

Specifications	
Model	UTG4162A
Bandwidth	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~160MHz
Square/Pulse	1μHz~50MHz
Slope	1μHz~4MHz
Harmonic	1μHz~80MHz
Noise (-3dB)	160MHz bandwidth
Resolution	1μHz
Arbitrary Waveform	
Frequency range	1μHz~40MHz
Length	8~32Mpts
Vertical resolution	16 bits
Min rise/fall time (typical: 1Vpp)	<5ns

General Characteristics	
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 265mmv
Standard carton gross weight	4.8kg