



UTG2025A Function/Arbitrary Waveform Generator

UTG2025A has 25MHz maximum output rate, 125 MS/s sampling rate, and 14-bit vertical resolution. It has equivalent dual channel independent output, modulation, sweep frequency, Burst, and other complex

waveform generation functions.

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

Specifications	UTG2025A
Max frequency	25MHz
Channels	2
Sampling rate	125MS/s
Waveforms	Sine, square, ramp, pulse, noise, DC, arbitrary; UTG2000B only: harmonic
Working modes	Output on/off, continuous, modulation, sweep, burst
Modulations	AM, FM, PM, ASK, FSK, PSK, PWM; UTG2000B only: BPSK, QPSK, OSK, DSB-AM, SUM, QAM
Arbitrary Waveform	
Length	8pts~8kpts
Vertical resolution	14 bits
Frequency Characteristics	
Sine	1μHz~25MHz
Square	1μHz~5MHz
Pulse	1μHz~5MHz
Ramp	1μHz~400kHz
Arbitrary	1μHz~5MHz
Noise	25MHz (-3dB)
Resolution	1μHz
Accuracy	±0.5ppm 25°C
	First year aging rate: 1ppm
	Temperature coefficient: ±0.5ppm/°C
Temperature Coefficient	< 2ppm/°C
Interfaces	USB Host, USB Device, frequency counter

General Characteristics	
Power	100V~240V ACrms, 50Hz/60Hz
Display	4.3-inch TFT LCD, WVGA (480 x 272)
Product color	White and grey
Product net weight	3.2kg
Product size	265mm x 110mm x 320mm
Standard accessories	BNC-BNC cable, BNC cable with alligator clips, power cord, USB interface cable, PC software CD
Standard individual packing	Carton box
Standard quantity per carton	2pcs
Standard carton measurement	380mm x 330mm x 320mm
Standard carton gross weight	8.5kg