



● UTG2122B

- 1μHz full-band resolution
- 5MHz~30MHz pulse waveform, adjustable rise/fall time
- 14-bit/16-bit vertical resolution
- Two equivalent-performance channels
- Max arbitrary waveform length of 8k/16M points; 48/161 non-volatile waveforms storage

SPECIFICATIONS

	UTG2025A	UTG2062B	UTG2082B	UTG2122B
Max frequency	25MHz	60MHz	80MHz	120MHz
Channels	2			
Sampling rate	125MS/s	320MS/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	8pts~16Mpts		
Vertical resolution	14 bits	16 bits (symbol included)		
Frequency Characteristics				
Sine	1μHz~25MHz	1μHz~60MHz	1μHz~80MHz	1μHz~120MHz
Square	1μHz~5MHz	1μHz~25MHz	1μHz~25MHz	1μHz~30MHz
Pulse	1μHz~5MHz	1μHz~20MHz	1μHz~25MHz	1μHz~30MHz
Ramp	1μHz~400kHz	1μHz~3MHz	1μHz~4MHz	1μHz~5MHz
Harmonic	—	1μHz~30MHz	1μHz~40MHz	1μHz~60MHz
Arbitrary	1μHz~5MHz	1μHz~15MHz	1μHz~20MHz	1μHz~25MHz
Noise	25MHz (-3dB)	60MHz (-3dB)	80MHz (-3dB)	120MHz (-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 (UTG2025A), LAN (UTG2025A optional), 10MHz clock source input/output (UTG2000B)			

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