

UTG2000X Series Function/Arbitrary Waveform Generator

Data Sheet

V 1.2

2025.09

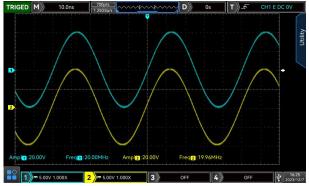
Product Features

■ Dual channel with the maximum frequency output 120 MHz, the maximum output amplitude 20 Vpp

- 625 MSa/s sample rate and 16-bit vertical resolution
- Multiple analog and digital modulation function: AM, PM, FM, DSB-AM, ASK, PSK, BPSK, QPSK, FSK, 3FSK, 4FSK, QAM, OSK, PWM, SUM
- Square wave with the maximum frequency 50 MHz, low jitter
- Wide dynamic and high-precision pulse wave with adjustable edge time, which can achieve fine edge time adjustment and has extremely high adjustment resolution and range
- Excellent performance with low harmonic distortion
- Supports sweep frequency and burst output
- A low-jitter waveform can be generated point by point, with an arbitrary waveform length ranging from 8 points to 64 megapoints (Mpts)
- Supports channel copying, following, and stacking settings
- Can generate arbitrary waveform through arbitrary waveform editor on the upper computer
- 7-bit hard frequency counter
- Built-in 200 arbitrary waves
- Standard USB Host, USB Device, and LAN interface
- Support SCPI (programmable instrument standard commands)
- 4.3 inch TFT LCD capacitive touch display screen

Design Features

Equivalent performance of double channel output



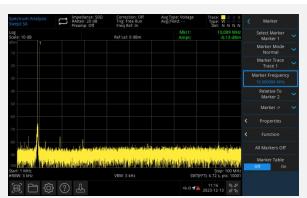
Large output under the high frequency: double channel with full amplitude output of 20 Vpp can be output under the frequency of 20 MHz.

Low Jitter

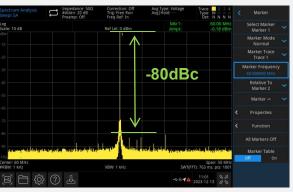


The excellent digital sampling technology makes the output waveform jitter much lower.

Low Distortion Output

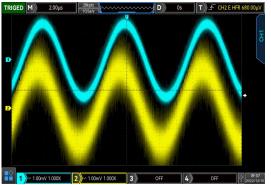


Outstanding harmonic distortion



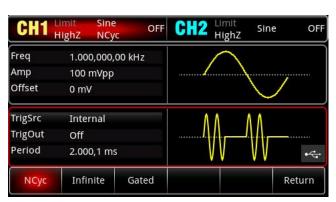
-80dBc spurious free dynamic range

High Signal to Noise Ratio



A small signal superimposed with a large DC results in a lower output noise and a higher SNR.

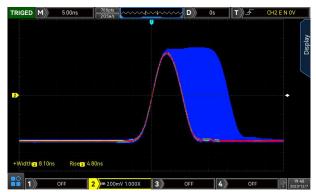
Burst



Three types of bursts: "N cycle", "Infinite" and "Gate". Three trigger sources: "Internal", "External" and "Manual".

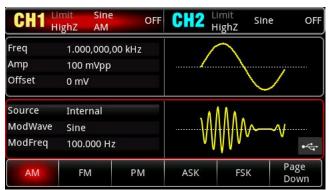
Instruments.uni-trend.com 3 / 19

Pulse Wave and Edge Time



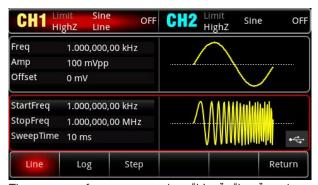
The new generation of wide dynamic high precision edge time adjustable pulse wave has a minimum pulse width of 8 ns. The pulse width can be fine adjusted and the minimum step is 100 ps. In addition, it can produce higher harmonic component, which has the feature of a dedicated pulse generator. The edge time can be set to a minimum of 5 ns independently.

Multiple Modulation Function



Modulation output (15 types): AM, FM, PM, DSB-AM, ASK, FSK, PSK, 3FSK, 4FSK, BPSK, QPSK, OSK, SUM, QAM and PWM.

Sweep Frequency



Three sweep frequency modes: "Line", "Log" and "Step". Three trigger sources: "Internal", "External" and "Manual".

Frequency Counter



The high precision hardware frequency counter can measure the frequency range of 100 mHz to 200 MHz.

Channel Merge





Channel merging can be realized with SUM or channel stacking functions, generating signals with adjustable signal-to-noise ratios and dual-tone multi-frequency signals. Up to four signals can be summed and coupled on two channels, and SUM enables the output of two-tone or multi-tone signals.

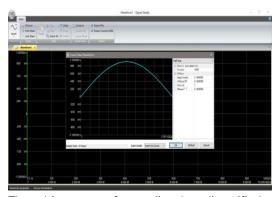
Instruments.uni-trend.com 4 / 19

Channel Tracking



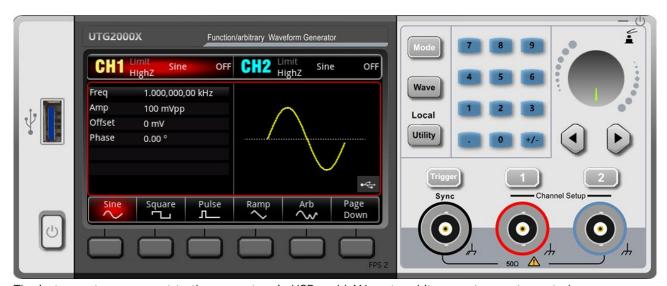
Channel tracking simplifies the operation of dual channels. The phase, amplitude and frequency of both channels can be controlled by a single parameter, making it easy to create deviation or tracking signals.

Arbitrary Waveform Editor



The arbitrary waveform editor has diversified generating method. The arbitrary waveform can be generated by insert the standard waveform or freely drawing.

Remote Control



The instrument can connect to the computer via USB and LAN port and it supports remote control.

The user can use the control software for remote operation and control, and realize automatic testing and remote monitoring.

4.3 inch Capacitive Touch Screen



4.3-inch high-definition display, touch operation, so that the instrument control faster and more convenient.

Instruments.uni-trend.com 6 / 19

Definition and Condition

■ "Technical Index" provide a detailed description of the performance of the parameters which involved in the product warranty. Unless otherwise specified, these specifications are applicable to the temperature range from 18 °C to 28 °C.

- "Typical Value" refers to other product performance information which not covered in the product warranty. When the performance exceeds the technical index, 80% of the units can exhibit 95% confidence in the temperature range of 18 °C to 28 °C. Typical performance does not include uncertainty of measurement.
- "Nominal Value" means the expected performance or describes the performance of the product that is useful in the application of the product but is not included in the scope of the product warranty.

Under the following conditions, it can achieve its technical indicators:

In the calibration cycle and has been warmed up for at least 30 minutes. If the device is stored in an environment that is within the allowable storage temperature range but exceed the allowable operating temperature range, the instrument must be placed within the allowable operating temperature range for at least two hours

Basic Waveform Characteristics

All analog channel output related specifications is suitable for channel 1 and channel 2

Basic characterist	ics		
Model	UTG2062X	UTG2082X	UTG2122X
Channel	Dual channel		
Sampling rate	625 MSa/s (1.25	GSa/s, 2 x interpolation)	
Vertical resolution	16-bit		
Working modes	Continuous, Modu	lation, Frequency sweep,	Burst, Counter
Wave	Sine, Square, Ram	p, Pulse, Noise, DC, Arb,	Harmonic, PRBS, Expression,
	Multi Pulse		
Modulation	AM, FM, PM, DSB	-AM, ASK, FSK, PSK, 3F	SK, 4FSK, BPSK, QPSK, OSK,
	SUM, QAM, PWM		
Frequency sweep	Lin, Log, Step		
Burst	N-cycle, Gated, Inf	inite	
Counter	100 mHz to 200 M	1Hz, 7 digits	
LCD	4.3 inch TFT LCD	capacitive touch display	screen, WVGA(480×272)

Instruments.uni-trend.com 7 / 19

F	9 . 1.9 .			
Frequency characte		1 11 1 00 141	1 11 1 100 1411	
Sine wave	1 μHz to 60 MHz	1 μHz to 80 MHz	1 μHz to 120 MHz	
Square wave	1 μHz to 30 MHz	1 μHz to 40 MHz	1 μHz to 50 MHz	
pulse wave	1 μHz to 30 MHz	1 µHz to 40 MHz	1 μHz to 50 MHz	
Ramp wave	1 µHz to 3 MHz	1 μHz to 4 MHz	1 μHz to 5 MHz	
Arbitrary wave	1 μHz to 30 MHz	1 μHz to 40 MHz	1 μHz to 50 MHz	
Harmonic	1 μHz to 30 MHz	1 μHz to 40 MHz	1 μHz to 50 MHz	
Expression	1 µHz to 15 MHz	1 μHz to 20 MHz	1 μHz to 25 MHz	
PRBS	1 µbps to 30 Mbps	1 μbps to 40 Mbps	1 μbps to 50 Mbps	
Gauss noise	1 MHz to 60 MHz	1 MHz to 80 MHz	1 MHz to 120 MHz	
Resolution	1 μHz			
	Frequency:10.0000 MHz	Z		
Defenses for more	Initial accuracy:±0.5 ppr	m, 25°C		
Reference frequency	Temperature stability:±0.5 ppm, 0°C to 40°C			
	Annual aging rate:±1 pp	Annual aging rate:±1 ppm, First year aging rate		
Sine wave				
Frequency	1 μHz to 60 MHz	1 μHz to 80 MHz	1 µHz to 120 MHz	
	Typical value (0dBm)	DC to 1 MHz: -70 dBc		
		1 MHz to 10 MHz: -65 d	lBc	
Harmonic distortion		10 MHz to 40 MHz: -60	dBc	
		40 MHz to 80 MHz: -55	dBc	
		80 MHz to 120 MHz: -5	0 dBc	
THD	< 0.07% (DC to 20 kHz, 1 Vpp)			
Spurious signal		≤10 MHz ,< -70 dBc		
(anharmonic)	Typical value (0 dBm)	>10 MHz ,<-70 dBc+6	dB/octave	
Phase noise(typical)	10 MHz: ≤-125 dBc/Hz (typical, 0 dBm, 10 kHz deviation)			
Square wave				
Frequency	1 μHz to 30 MHz	1 μHz to 40 MHz	1 μHz to 50 MHz	
Rise/fall time	<7 no (h.:sical 1111-)	// po (huminal 1111-)	∠E no /b :=:==! 1!!!!.\	
(1 Vpp, 50 Ω)	<7 ns (typical, 1 kHz)	<6 ns (typical, 1 kHz)	<5 ns (typical, 1 kHz)	
Overshoot	< 2% (typical, 50 Ω)			
(100kHz, 1 Vpp)	- 270 (typical, 30 12)			
Duty ratio	0.001% to 99.999% (lim	ited by current frequency	y)	
Symmetry	1% of period + 4 ns			
(duty ratio=50%)	·			
Jitter(RMS) (1 Vpp ,	Typical (1 MHz,	≤ 5 MHz:2 ppm + 200	ps	

Instruments.uni-trend.com 8 / 19

50 Ω)	1 Vpp, 50 Ω)	> 5 MHz:200 ps	
Ramp wave			
Frequency	1 μHz to 3 MHz	1 μHz to 4 MHz	1 µHz to 5 MHz
Non-linearity	< 1% of peak output (ty	pical value, 1 kHz, 1 Vpp,	symmetry 100%)
Symmetry	0.0% to 100.0%		
Pulse wave			
Frequency	1 μHz to 30 MHz	1 μHz to 40 MHz	1 µHz to 50 MHz
Minimum pulse width	8 ns		
Variable edge	7 ns to 10 s	6 ns to 10 s	5 ns to 10 s
Duty ratio	0.001% to 99.999% (lim	nited by current frequence	у)
Overshoot	< 2% (typical, 1 Vpp 50) Ω)	
Jitter	150 ps		
Arbitrary wave			
Frequency (DDS)	1 µHz to 30 MHz	1 μHz to 40 MHz	1 µHz to 50 MHz
	DDS	8 kpts (Regular)	
Wave length	Point by point	8 pts to 32 Mpts (Up to channel output)	o 64 Mpts for single
Vertical resolution	16-bit (symbol included))	
Carran line as was as	DDS	625 MSa/s (DDS)	
Sampling rage	Point by point	1 μSa/s to 312.5 MSa/s	;
Minimum rise/fall time	<5 ns (typical, 1 Vpp, 50	Ο Ω)	
Jitter (playback mode)	150 ps		
Nonvolatile storage	200 waves		
PRBS			
Bit rate	1 µbps to 30 Mbps	1 µbps to 40 Mbps	1 µbps to 50 Mbps
Edge time	7 ns to 1,000 s	6 ns to 1,000 s	5 ns to 1,000 s
Symbol	PN3, PN5, PN7, PN9, P PN27, PN29, PN31	N11, PN13, PN15, PN17, P	PN19, PN21, PN23, PN25,
Expression properties			
Frequency	1 μHz to 15 MHz	1 μHz to 20 MHz	1 μHz to 25 MHz
Function	Sin, cos, tan, sinc, abs, floor,lg,cosh	ln, sqrt, acos, asin, atan, s	sinh, tanh, ceil, exp, fabs,
Operation	+ , - , * , / , ^		
Variable value	°, rad		

Instruments.uni-trend.com 9 / 19

Harmonic			
Frequency	1 µHz to 30 MHz	1 μHz to 40 MHz	1 µHz to 50 MHz
Harmonic order	2 to 16		
Туре	Odd, Even, All, User De	fined	
Aparolitudo	1 mV to 10 Vpp (50 Ω)		
Amplitude	Set the amplitude base	d on the selected harm	onic sequence number
Dhaca	-360° to 360°		
Phase	Set the phase based or	the selected harmonic	sequence number
Multi Pulse			
Trigger Source	Internal, external, manu	al	
Delay	0 to 100 s		
Total number	2 to 30		
Minimum pulse	20 ns		
width	20 113		
Variable edge	5 ns to 500 s		
Pulse gap	20 ns to 1 ks		

Output Characteristic

≤20 MHz:1 mVpp to 10 Vpp		
≤60 MHz:1 mVpp to 5 Vpp		
≤120 MHz:1 mVpp to 2 V	рр	
≤20 MHz:2 mVpp to 20 \	/pp	
≤60 MHz:2 mVpp to 10 Vpp		
≤120 MHz:2 mVpp to 4 Vpp		
Typical value(1kHz, sine		
wave, 0V, deviation,	± (1% of set value+1 mVpp)	
>10 mVpp)		
Tomical colors	≤60 MHz: ±0.2 dB	
• •	≤80 MHz: ±0.4 dB	
(IKHZ, Sille Wave, 1 Vpp)	≤120 MHz: ±0.6 dB	
±5 V (50 Ω)		
±10 V (High resistance)		
Offset set value ±1% ± amplitude set value 0.5% ±2 mV		
	<pre>\$60 MHz:1 mVpp to 5 Vp \$120 MHz:1 mVpp to 2 V \$20 MHz:2 mVpp to 20 V \$60 MHz:2 mVpp to 10 V \$120 MHz:2 mVpp to 4 V Typical value(1kHz, sine wave, 0V, deviation, >10 mVpp) Typical value (1kHz, sine wave, 1 Vpp) ±5 V (50 Ω) ±10 V (High resistance)</pre>	

Instruments.uni-trend.com 10 / 19

Waveform output	
Impedance	50 Ω typical value
Protection	Overvoltage protection, overload automatically disabling waveform
Protection	outpu

Modulation Types

UTG2062X	UTG2082X	UTG2122X
Sine wave, square wav	e, ramp wave, arb	itrary wave, pulse wave
Internal/External		
Sine wave, square wav	e, ramp wave, noi	se, arbitrary wave
0% to 120%		
2 mHz to 1 MHz (The r	modulation source	is internal)
Sine wave, square wav	e, ramp wave, arb	itrary wave, pulse wave
Internal/External		
Sine wave, square wav	e, ramp wave, noi	se, arbitrary wave
DC to 30 MHz	DC to 40 MHz	DC to 60 MHz
2 mHz to 1 MHz (The r	modulation source	is internal)
Sine wave, square wav	e, ramp wave, arb	itrary wave
Internal/External		
Sine wave, square wav	e, ramp wave, noi	se, arbitrary wave
0 to 360°		
2 mHz to 1 MHz (The r	modulation source	is internal)
Sine wave, square wav	e, ramp wave, arb	itrary wave, pulse wave
Internal/External		
Sine wave, square wav	e, ramp wave, noi	se, arbitrary wave
0% to 100%		
2 mHz to 1 MHz (The r	nodulation source	is internal)
Sine wave, square wav	e, ramp wave, arb	itrary wave, pulse wave
Internal/external		
Square wave (Duty rat	io 50%)	
	Sine wave, square wave Internal/External Sine wave, square wave 0% to 120% 2 mHz to 1 MHz (The resonant of the square wave) Internal/External Sine wave, square wave Internal/External Sine wave, square wave Internal/External Sine wave, square wave 0 to 360° 2 mHz to 1 MHz (The resonant of the square wave) Internal/External Sine wave, square wave Internal/External	Sine wave, square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, noise of the square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, noise of the square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, noise of the square wave, ramp wave, noise of the square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, noise of the square wave, ramp wave, noise of the square wave, ramp wave, arb Internal/External Sine wave, square wave, ramp wave, arb Internal/External

Instruments.uni-trend.com 11 / 19

Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
FSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave, pulse wave
Source	Internal/external
Modulation wave	Square wave (Duty ratio 50%)
Hopping frequency	Carrier Frequency
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
PSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave
Source	Internal/external
Modulation wave	Square wave (Duty ratio 50%)
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
Phase	-360° to 360°
3FSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave, pulse wave
Source	Internal
Modulation wave	Square wave (Duty ratio 50%)
Hopping frequency	Carrier Frequency
Modulation frequency	2 mHz to 1 MHz(The modulation source is internal)
4FSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave, pulse wave
Source	Internal
Modulation wave	Square wave (Duty ratio 50%)
Hopping frequency	Carrier Frequency
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
BPSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave
Source	Internal
Symbol	PN3, PN5, PN7, PN9, PN11, PN13, PN15, PN17, PN21, PN23, PN25,
Зуппоот	PN27, PN29, PN31
Symbol bit rate	2 mbps to 1 Mbps (The modulation source is internal)
Phase	-360° to 360°
QPSK	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave
Source	Internal
Symbol	PN3, PN5, PN7, PN9, PN11, PN13, PN15, PN17, PN21, PN23, PN25,

Instruments.uni-trend.com 12 / 19

	PN27, PN29, PN31
Symbol bit rate	2 mbps to 1 Mbps (The modulation source is internal)
Phase	-360° to 360°
OSK	
Carrier wave	Sine wave
Source	Internal/external
Oscillation time	5 ns to 250 s
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
SUM	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave, pulse wave, harmonics, noise
Source	Internal/External
Modulation wave	Sine wave, square wave, ramp wave, noise, arbitrary wave
Modulation depth	0% to 100%
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)
QAM	
Carrier wave	Sine wave
Constellation mapping	QAM4, QAM8, QAM16, QAM32, QAM64, QAM128, QAM256
Symbol	PN3, PN5, PN7, PN9, PN11, PN13, PN15, PN17, PN21, PN23, PN25, PN27, PN29, PN31
Symbol bit rate	2 mbps to 1 Mbps
PWM	
Carrier wave	Pulse
Source	Internal/external
Modulation wave	Sine wave, square wave, ramp wave, noise, arbitrary wave
PWM range	0% to 49.99%
Modulation frequency	2 mHz to 1 MHz (The modulation source is internal)

Sweep

Frequency sweep	
Carrier wave	Sine wave, square wave, ramp wave, arbitrary wave, pulse wave
Туре	Linear, Logarithmic, Stepwise
Trigger Source	Internal, external, manual
Trigger Edge	Rising edge, falling edge
Trigger Output	On, off

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Frequency sweep time	1 ms to 500 s ± 0.1% (Lin, Log)
Residence time	1 ms to 500 s ± 0.1% (step)
Step number	2 to 2,048 step

Burst

Burst	
Waveform	Sine wave, square wave, ramp wave, pulse, arbitrary wave
Mode of pulse train	N cycle, infinite, gated
Initial and stop phase	-360° to 360°
Source	Manual, external, internal
Trigger edge	Rising edge/falling edge
Trigger Output	On, off
Internal cycle	1 us to 500 s ± 0.1%
Recurring number	1 to 50,000
Polarity	Positive and negative (TTL level input)

Auxiliary functions

Channel settings	
Channel output	On, off
Channel reverse	On, off
Synchronous output	CH1, CH2, Off
Load	50 Ω , 75 Ω , HighZ, Custom (1 Ω to 999999 Ω)
Amplitude limitation	On, off
Upper limit of amplitude	-9.998 V to 10 V (HighZ)
Lower limit of amplitude	-10 V to 9.998 V (HighZ)
Channel replication	
Channel 1 replication	CH1→CH2
Channel 2 replication	CH2→CH1
Channel Follow	
Follow type	Parameter following, channel tracking
Parameter follow	Frequency following, amplitude following, phase following
Follow type	Deviation, Ratio
Channel stacking	
Channel 1 overlay	On, off

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Channel 2 overlay	On, off
System settings	
Language	English, Chinese, Deutsch
Phase synchronization	Independent, synchronized
Voice	On, off
Number separator	Comma, space, none
Backlight	10%, 30%, 50%, 70%, 90%, 100%
Screen saver	Off, 5 minutes, 15 minutes, 30 minutes, 1 hour
Frequency meter	
Measurement frequency	100 mHz to 200 MHz
range	100 11112 to 200 14112
Input Level Range	TTL compatibility
Measurement accuracy	7 digits

Interface and Display

Interface			
Standard configuration	USB Host, USB Device, LAN		
Synchronous signal output			
Output level	TTL compatible		
Frequency	1 μHz to 10 MHz		
Output Impedance	50 $\Omega(Typical)$		
Coupling method	DC		
External modulation input			
Input frequency	<50 KHz		
Depth	±5 Vpk=100%		
Impedance	5 kΩ(Typical)		
External reference input			
Input frequency	10 MHz ± 50Hz		
Input level	TTL compatible		
Impedance	10 kΩ(Typical value, DC coupling)		
Lock time	<1 s		
Internal reference output			
Input frequency	10 MHz		
Input level	TTL compatible		
Impedance	50 Ω (Typical value, DC coupling)		

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Trigger Input			
Input level	TTL compatible		
Slope	Rising or falling		
Pulse width	>100 ns		
Impedance	10 kΩ (Typical value, DC coupling)		
Response time	<1 us (Typical value)		
Trigger Output			
Input level	TTL compatible		
Pulse width	> 400 ns (Typical value)		
Impedance	50 Ω(Typical value)		
Display screen			
Display type	4.3 inches TFT LCD Capacitive Touch Screen		
Display resolution	WVGA(480×272)		

General Technical Specifications

Specifications			
Supply voltage	100 to 240 VAC (Fluctuations: ±10%), 50 Hz/60Hz;		
	100 to 120 VAC (Fluctuations: ±10%), 400 Hz		
Power consumption	<50 W		
Fuse	2.5 A, Class T, 250 V		
Environment			
Temperature range	Operation: +10 °C to +40 °C		
	Non operational: -20 °C to +60 °C		
Cooling method	Natural cooling		
Humidity range	+35 °C Below: ≤90% relative humidity		
	+35 °C to +40 °C: ≤60% relative humidity		
Altitude	Operating below 2, 000 m		
	Non-operating below 15, 000 m		
Class of pollution	2		
Operating environment	indoor		
Mechanical specification	ıs		
Dimensions	215mm×103mm×316mm (Width x Height x Length)		
Net weight	2.5 kg		
Calibration cycle	The recommended calibration circle is one year		
Regulatory standards			

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	Compliance with EMC of	directives (2014/30/EU), Conform to or bett			
EMC	than IEC 61326-1:2021/EN61326-1:2021, IEC				
	61326-2-1:2021/EN61326-2-1:2021				
Conductive disturbance	CISPR 11/EN 55011	CLASS B group 1, 150kHz-30 MHz			
Radiation disturbance	CISPR 11/EN 55011	CLASS B group 1, 30 MHz-1GHz			
Electrostatic discharge (ESD)	IEC 61000-4-2/EN 61000-4-2	4.0 kV (Contact), 8.0 kV (air)			
Radio frequency	IEC 61000-4-3/EN 61000-4-3	0 V/m (80 MHz to 1 GHz);			
electromagnetic field		3 V/m (1.4 GHz to 2 GHz);			
immunity		1 V/m (2.0 GHz to 2.7 GHz)			
Electrical fast transient burst (EFT)	IEC 61000-4-4/EN 61000-4-4	2 kV (AC input port)			
Surge	IEC 61000-4-5/EN	1 kV (Live line to zero line)			
	61000-4-5	2 kV (Fire/zero line to ground)			
Immunity to RF continuous	IEC 61000-4-6/EN	3 V, 0.15-80 MHz			
conduction	61000-4-6	3 V, U.15-6U MINZ			
		Voltage dip:			
		0% UT during 1 cycle;			
Voltage dips and short	IEC 61000-4-11/EN	40% UT during 10/12 cycles;			
interruptions	61000-4-11	70% UT during 25/30 cycles			
		Short Interruption:0% UT during			
		250/300 cycles			
Safety regulations					
	EN 61010-1:2010+A1:2019				
	EN IEC61010-2-030:2021+A11:2021				
	UL 61010-1:2012 Ed.3+ R:19 Jul2019				
	UL 61010-2-030:2018 Ed.2				
	CSA C22.2#61010-1:2012 Ed.3+U1;U2;A1				
	CSA C22.2#61010-2-030:2018 Ed.2				

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Ordering Information

	Description	Order No.
Models	Maximum output frequency 60 MHz	UTG2062X
	Maximum output frequency 80 MHz	UTG2082X
	Maximum output frequency 120 MHz	UTG2122X
	Power cord x 1	
	USB cable x 1	UT-D14
Standard accessories	BNC-BNC x 1	UT-L45
	BNCred and black alligator clip cable x1	UT-L02A
Recommended options	10 W Power amplifier option	UT-M14

Remarks: All mainframe, accessories, optional can order from the local UNI-T distributor.

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Limited Warranty and Liability

UNI-T guarantees that the Instrument product is free from any defect in material and workmanship within three years from the purchase date. This warranty does not apply to damages caused by accident, negligence, misuse, modification, contamination or improper handling. If you need warranty service within the warranty period, please contact your seller directly. Uni-T will not be responsible for any special, indirect, incidental or subsequent damage or loss caused by using this device. For the probes and accessories, the warranty period is one year. Visit instrument.uni-trend.com for full warranty information.



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