

ARBITRARY WAVEFORM GENERATORS

- Maximum output frequency: 60MHz
- Maximum sampling rate: 312.5MSa/s
- Frequency accuracy: 25ppm
- 16 bits vertical resolution
- Output waveform: 8 standard waveforms, 149 built-in arbitrary waveforms
- Modulation: AM, FM, PM, PWM, SUM, FSK, 4FSK, nFSK, PSK, 4PSK, nPSK, ASK, OSK



9536-1060

SPECIFICATION

Part No.		9536-1020	9536-1030	9536-1040	9536-1060
Channel		2			
Maximum output frequency		20MHz	30MHz	40MHz	60MHz
Sampling rate		312.5MSa/s			
Vertical resolution		16bits			
Output waveform	standard waveform	sine, square, ramp, pulse, noise, DC, PRBS, RS232			
	arbitrary waveform	exponential rise/fall, sin(x)/x, step wave, and others total 149 built-in waveforms			
Arbitrary waveform length		2~16K			
Output mode		continuous, modulation, frequency sweep, pulse burst			
Modulation type		AM, FM, PM, PWM, SUM, FSK, 4FSK, nFSK, PSK, 4PSK, nPSK, ASK, OSK			
Frequency characteristic	sine	1μHz~20MHz	1μHz~30MHz	1μHz~40MHz	1μHz~60MHz
	square	1μHz~20MHz	1μHz~30MHz	1μHz~40MHz	1μHz~40MHz
	ramp	1μHz~10MHz	1μHz~10MHz	1μHz~10MHz	1μHz~25MHz
	other	1μHz~10MHz	1μHz~10MHz	1μHz~10MHz	1μHz~20MHz
	resolution	1μHz or 10bits			
Amplitude characteristic	output amplitude	high impedance: 2mVpp~24Vpp (≤10MHz), 2mVpp~12Vpp (>10MHz) 50Ω: 2mVpp~12Vpp (≤10MHz), 2mVpp~6Vpp (>10MHz)			
	amplitude resolution	0.1mVpp or 4bits			
	offset range (AC+DC)	high impedance: ±12V, 50Ω: ±6V			
	offset resolution	0.1mVpp or 4bits			
	output impedance	50Ω			
Frequency counter	measurement function	frequency, period, pulse width, duty cycle			
	frequency range	1mHz~300MHz			
	frequency resolution	8bits			
Interface		USB interface, LAN interface			
Power supply		AC 100V~240V, 50/60Hz			
Dimension (L×W×H)		11.06×10.08×4.17"			
Net weight		5.95lb			

POWER AMPLIFIER MODULE SPECIFICATION (OPTIONAL)

Full power bandwidth	1~200kHz
Gain	X2
Maximum output power	Frequency ≤100kHz: 8W (8Ω load), 2W (50Ω load) Frequency >100kHz: 3W (8Ω load), 1W (50Ω load)
Maximum output voltage	10Vrms

STANDARD DELIVERY

Main unit	1 pc
BNC test clip	1 pc

TCXO MODULE SPECIFICATION (OPTIONAL)

Accuracy	±1ppm (0°C~40°C)
Aging	±1ppm/year

OPTIONAL DELIVERY

Power amplifier module	9536-PA (must be installed in factory)
TCXO module	9536-TCXO (must be installed in factory)