

Features:

- Using Direct Digital Synthesis(DDS) technology
- 1mV Output Amplitude for Small Signal
- 40μHz ~ 60MHz frequency range for main waveforms
- 100MHz equal-accuracy frequency counter (option)
- 32 kinds of output waveform
- 3,5" TFT colour LCD display
- Pulse duty cycle resolution up to 1‰
- Burst mode with a continuous phase adjustment function
- 1% ~ 120% amplitude modulation
- RS232 interface



Technical data:

Main output	Output frequency	40μHz~20MHz
	Output amplitude	2mVp-p~20Vp-p
	Output wave	sine, square, pulse, DC
	Output modulation	single frequency, sweep frequency, AM, FM, FSK, PSK, Brust
	Wave length	4~16000 points
	Wave accuracy	10bits
	Sampling rate	180Msa/s
	Frequency resolution	40μHz(40μHz~2kHz) 40mHz(> 2kHz)
	Frequency accuracy	≤±0.005%
	Amplitude resolution	20mVp-p(> 2V); 2mVp-p(<2V)
	Amplitude accuracy	≤±(1%+ 2mV)
	Amplitude flatness	±5%(f<1MHz); ±10%(f> 1MHz)
	Offset range	±10V
	Offset resolution	20mV
	Offset error	<±(1%+20mV)
	FM modulation deviation	1%~120% adjustable
	FM modulation deviation	Max.20%
PM modulation range	0~360.0°	
Phase resolution	11.25°	
Sine wave	Harmonic distortion	-50dBC(<1MHz)
		-40dBC(1MHz~20MHz)
-30dBC(20MHz~40MHz)		
Square wave	Distortion factor	≤0.5%
	Rise time	≤20ns
TTL output	SYMM.	0.1% ~ 99.9% adjustable
	Rise or fall time	≤20ns
Sweep	Low level	<0.3V
	Sweep mode	> 4V
CHB output	Sweep mode	Lin./log. Up and down
	Sweep time	10ms~60s
Counter	Output frequency	10mHz~1MHz
	Impedance	50Ω±10%
	Output amplitude	50mVp-p~20Vp-p
	Output waveform	sine, square, triangle, ramp, ladder and etc. 32waveforms
	Frequency resolution	10mHz
	Frequency accuracy	≤±(0.001%+ 10mHz)
	Amplitude resolution	20mV
	Wave length	1024 points
Power supply	Wave accuracy	8bits
	Frequency range	1Hz ~ 100MHz
Dimension (W×H×D)	Input amplitude	100mVp-p~20Vp-p
	Weight	110 ~ 127VAC±10%/220 ~ 240VAC±10%, 50Hz±2Hz/60Hz±2Hz
		226 × 98 × 365mm
		3kg

