



APPLICATION

- IC test
- Analog sensor
- Simulated environment signals
- Electrical circuit function test
- Education and training

FEATURES AND BENEFITS

- Apply DDS technology, provide double channels output, phase adjustable, output frequency up to 50MHz
- 125MSa/s sample rate, 14bit vertical resolution, 16Kpts wave length
- 5 types of standard waveforms, built-in 48 types of arbitrary waveforms
- Abundant modulation functions, sweep-frequency output, burst output
- Built-in high precision frequency counter, frequency up to 200MHz
- Standard interfaces: USB Device, USB Host
- USB-GPIB adapter optional
- Seamlessly interconnect with Digital Storage Oscilloscope and support remote command control

SPECIFICATIONS

Model	DDS-50	DDS-25	DDS-10	DDS-05
Maximum output frequency	50MHz	25MHz	10MHz	5MHz
Output channels	2			
Sampling rate	125MSa/s			
Wave length	16Kpts			
Frequency resolution	1μHz			
Vertical resolution	14bit			
Waveform	Sine, Square, Ramp, Pulse, Gaussian white noise, 48 types of built-in function waveforms, Arb			
Modulation function	AM, DSB-AM, FM, PM, FSK, ASK, PWM, Sweep, Burst			
Amplitude	CH1: 2mVpp ~ 10Vpp (50Ω), 4mVpp ~ 20Vpp (high impedance) CH2: 2mVpp ~ 3Vpp (50Ω), 4mVpp ~ 6Vpp (high impedance)			
Frequency counter	Frequency range: 100 mHz ~ 200 MHz			
Interface	USB Host, USB Device			
Optional interface	USB-GPIB adapter			
Dimension	229mm*105mm*281mm			

*Technical Specifications & Appearance are subject to change without prior notice