AG -S Series Single-channel Arbitrary Waveform Generator - (5 - 10MHz)

+ Advanced DDS technology, upto 10MHz frequency output
+ 125MS/s sample rate, and 1µHz frequency resolution
+ Vertical Resolution : 14 bits, and 8K arb waveform length
+ Comprehensive waveform output : 5 basic waveforms,
  and 45 built-in arbitrary waveforms
+ Comprehensive modulation functions :
  AM, FM, PM, FSK, Sweep, and Burst
+ SCPI, and LabVIEW supported
+ 4'' high resolution (480 x 320 pixels) LCD

CE

+ Performance Specifications

Model	AG051	AG051F	AG1011	AG1011F
Channel	single + trigger			
Frequency Output	5MHz		10MHz	
Sample Rate	125MS/s			
Vertical Resolution	14 bits			
Waveform				
Standard Waveform	Sine, Square, Pulse, Ramp, and Noise			
Arbitrary Waveform	Exponential Rise, Exponential Fall, Sin(x)/x, Step Wave, and others, total 45 built-in waveforms, and user-defined arbitrary waveform			
Frequency (resolution 1µHz)				
Sine	1µHz - 5MHz		1µHz - 10MHz	
Square	1µHz - 5MHz			
Pulse	1µHz - 5MHz			
Ramp	1µHz - 1MHz			
Noise	5MHz (-3dB) (typical)			
Arbitrary Waveform	1µHz - 5MHz			
Amplitude				
Amplitude	1m Vpp - 12.5 Vpp (50Ω), 1m Vpp - 25 Vpp (high impedance)			
Resolution	1m Vpp, or 4 digits			
DC Offset Range (AD+DC)	±6.25V (50Ω), ±12.5V (high impedance)			
DC Offset Range Resolution	1mV, or 4 digits			
Load Impedance	50Ω (typical)			

Model	AG051	AG051F	AG1011	AG1011F
Arbitrary Waveform				
Wave Length	2 pts to 8K pts			
Sample Rate	125MS/s			
Vertical Resolution	14 bits			
Non-volatile Memory	64M byte			
Modulation (optional)				
Modulation Waveform	/	AM, FM, PM, FSK, Sweep, and Burst	/	AM, FM, PM, FSK, Sweep, and Burst
Modulation Frequency	/	2mHz to 20.00KHz (FSK 2mHz - 100KHz)	/	2mHz to 20.00KHz (FSK 2mHz - 100KHz)
Input / Output				
Display	4 inch (480 x 320 pixels) LCD			
Type	external reference clock input	external modulation input, external trigger input, external reference clock input	external reference clock input	external modulation input, external trigger input, external reference clock input
Communication Interface	USB device			
Mechanical				
Dimension (W x H x D)	235 x 110 x 295 (mm)			
Device Weight	3.00 kg			

Specifications subject to change without prior notice.

+ Application

design and debug   circuit function test   education and training

+ Accessories
The accessories subject to final delivery.

Power Cord   CD Rom   Manual   USB Cable   Q9