

函數/任意波形產生器

Function/Arbitrary Waveform Generators

DG1000Z Series

Function/Arbitrary Waveform Generators

頻寬: 25MHz, 30MHz, 60MHz

產品特色

- ◆ 內建 160 種任意波
- ◆ 掃頻功能&高載模式
- ◆ 多種類比&數位調變
- ◆ 諧波產生器
- ◆ 波形疊加&通道追蹤
- ◆ 內建 7 位元計頻器



Model		DG1022Z	DG1032Z	DG1062Z
Channel		2		
Maximum Frequency		25MHz	30MHz	60MHz
Sample Rate		200Msa/s		
Waveform Type	Basic Waveform	Sine,Square,Ramp,Pulse,Noise		
	Built-in Arbitrary Waveform	160 kinds,including Sinc,Exponential Rise,Exponential Fall,ECG,Gauss,HaverSine,Lorentz,Dual-Tone,etc.		
Waveform Length		2Mpts (std.) ; 16Mpts (opt.)	8Mpts (std.) ; 16Mpts (opt.)	
Vertical Resolution		14bits		
Sine		1uHz-25MHz	1uHz-30MHz	1uHz-60MHz
Square		1uHz-25MHz	1uHz-25MHz	1uHz-25MHz
Ramp		1uHz-500KHz	1uHz-500KHz	1uHz-1MHz
Pulse		1uHz-15MHz	1uHz-15MHz	1uHz-25MHz
Arb/Harmonics		1uHz-10MHz	1uHz-10MHz	1uHz-20MHz
Noise (-3dB)		25 MHz bandwidth	30 MHz bandwidth	60 MHz bandwidth
Sine Wave Spectrum Purity		Total Harmonic Distortion <0.075%(10Hz-20KHz,0dBm) ; Phase Noise <-125dBc@10MHz (0dBm,10KHz offset)		
Square Rise/Fall Time		Typ. (1Vpp) <10ns		
Jitter (rms)		Typical (1 Vpp) ; ≤5 MHz: 2 ppm + 200 ps ; > 5 MHz: 200 ps		
Amplitude (into 50 Ω)		≤10MHz,1 mVpp-10Vpp ; ≤30MHz : 1 mVpp-5Vpp ; ≤60MHz : 1 mV-2.5Vpp		
Modulation Type		AM,FM,PM,ASK,FSK,PSK,PWM		
Work Mode		Continue,Burst,Sweep,Modulation		
Burst Characteristics	Carrier Waveform	Sine,Square,Ramp,Pulse,Noise,Arb (except DC)		
	Carrier Frequency	2mHz to 25MHz	2mHz to 30MHz	2 mHz to 60 MHz
Size		261.5 mm (W) × 112 mm(H) × 318.4 mm(D)		
Weight		3.2 kg		

II Standard Accessories

Order Information	Order No.
Power Cord	-
USB Cable	CB-USBA-USBB-FF-150
BNC Cable	CB-BNC-BNC-MM-100
Quick guide (hard copy)	-
Resource CD (including User's Guide and etc.)	-

II Optional Accessories

Order Information	Order No.
16Mpts Memory for Arb	Arb16M-DG1000Z
Rack Mount Kit (for single instrument)	RM-1-DG1000Z
Rack Mount Kit (for dual instruments)	RM-2-DG1000Z
40dB Attenuator	RA5040K
10W Power Amplifier	PA1011
USB-GPIB Converter	USB-GPIB