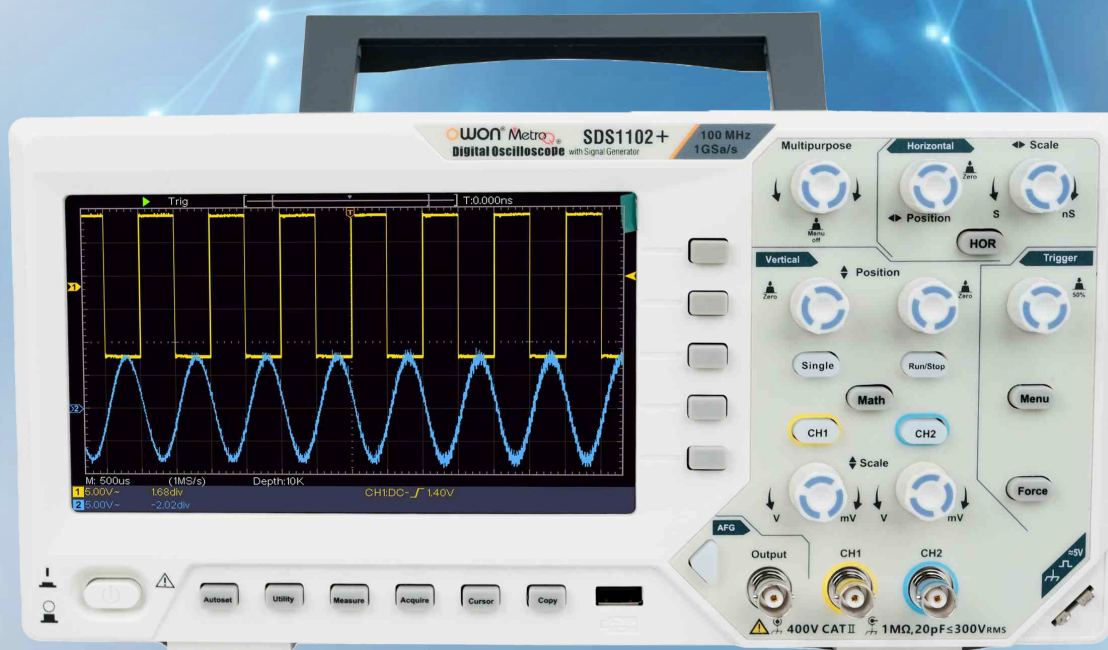




Oscilloscope, and **more**



Dual-channel
Oscilloscope

Waveform
Generator

**50MHz /
100MHz**

Bandwidth

1GSa/s

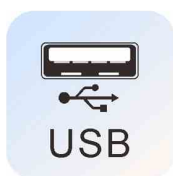
Sampling Rate

10K

Record Length

30 types

Automatic
Measurement



/ Performance Specification /

Specifications subject to change without prior notice.

Model		SDS1022+	SDS1102+
Bandwidth		50MHz	100MHz
Channel		2	
Sample Rate		1GSa/s	
Acquisition Mode		Normal, Peak Detect, and Average	
Input Coupling		DC, AC, and Ground	
Input Impedance		1M Ω ±2%, in parallel with 20 pF±5 pF	
Probe Attenuation Factor		1X, 10X, 100X, 1000X	
Record Length		10K	
Horizontal Scale (s/div)		2 ns/div - 1000 s/div, step by 1 - 2 - 5	
Vertical Sensitivity		20 mV/div - 5 V/div	
Automatic Measurement		Period, Frequency, Mean, PK-PK, RMS, Max, Min, Top, Base, Amplitude, Overshoot, Preshoot, Rise Time, Fall Time, +Pulse Width, -Pulse Width, +Duty Cycle, -Duty Cycle, Delay A→B $\overline{\Phi}$, Delay A→B $\overline{\Psi}$, Cycle RMS, Cursor RMS, Screen Duty, Phase, +PulseCount, -PulseCount, RiseEdgeCnt, FallEdgeCnt, Area, and Cycle Area	
Waveform Math		+, -, ×, ÷, FFT	
Waveform Storage		16 groups	
Lissajou's Figure	Bandwidth	full bandwidth	
	Phase Difference	±3 degrees	
Trigger Type		Edge, Video	
Communication Interface		100MHz USB host, USB device	
Frequency Counter		6-digit	

/ Waveform Generator Specification /

Standard Waveform		sine, square, ramp, pulse	
Arbitrary Waveform		sinc, exponential rise, exponential fall, Gaussian, and others, more than 16 groups built-in waveform	
Sine	0.1Hz - 10MHz	Square	0.1Hz - 2MHz
Ramp	0.1Hz - 1MHz	Pluse	0.1Hz - 1MHz
Arbitrary Waveform	0.1Hz - 1MHz	Sample rate	125MSa/s
Amplitude (50 Ω)		0.25Vpp - 2.5Vpp	
Channel	1	Waveform Length	8k
Vertical Resolution	14 bit	Load Impedance	50 Ω
Others			
Display		7" 800 x 480 pixels LCD	
Dimension (W x H x D)		301 x 152 x 70 mm	
Device Weight		about 1.10 kg	

/ Accessories / The accessories subject to final delivery.



Power Cord



Quick Guide



USB Cable



Probe



Probe Adjust



BNC Cable