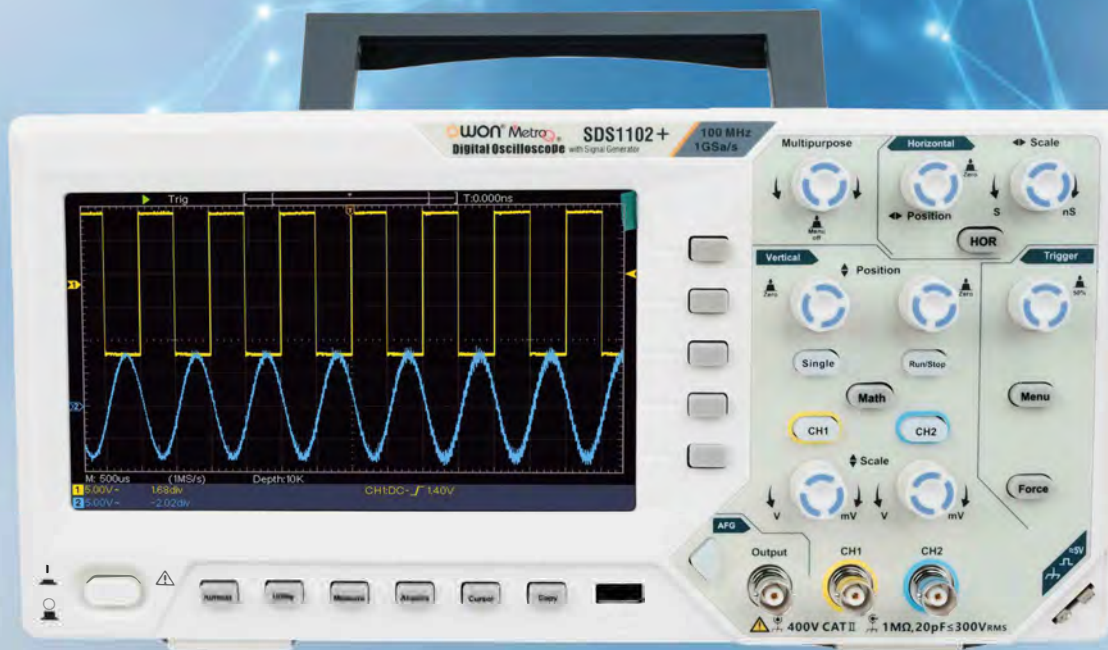




Oscilloscope, and more



Dual-channel
Oscilloscope

Waveform
Generator

100MHz

Bandwidth

1GSa/s

Sampling Rate

10K

Record Length

30 types

Automatic
Measurement



/ Performance Specification /

Specifications subject to change without prior notice.

Model		SDS1102+
Bandwidth		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		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 - 2.5 Vpp		
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