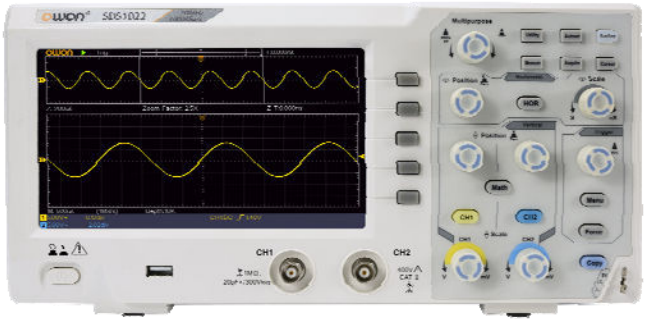


SDS1000 Series

super- economical type digital storage oscilloscope

+ Bandwidth : 20MHz - 200MHz
+ 2-Channel
+ Sample rate : 100MS/s - 1GS/s
+ Ultra-thin body
+ 7 inch high resolution LCD
+ SCPI, and LabVIEW supported

+ Performance Specifications

Model	SDS1022	SDS1052	SDS1102	SDS1202
Bandwidth	20MHz	50MHz	100MHz	200MHz
Sample Rate	100MS/s	500MS/s	1GS/s	
Horizontal Scale (s/div)	5ns/div - 1000s/div, step by 1 - 2 - 5	2ns/div - 1000s/div, step by 1 - 2 - 5		
Rise Time (at input, typical)	≤17.5ns	≤7ns	≤3.5ns	≤1.7ns
Channel	2			
Display	7" color LCD, 800 x 480 pixels			
Input Impedance	1MΩ ± 2%, in parallel with 20pF±5pF			
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1			
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)			
DC Gain Accuracy	±3%			
Record Length	10K			
DC Accuracy (average)	Average≥16： ±(3% reading + 0.05 div) for △V			
Probe Attenuation Factor	1X, 10X, 100X, 1000X			
LF Respond (AC, -3dB)	≥10Hz (at input, AC coupling, -3dB)			
Sample Rate / Relay Time Accuracy	±100ppm			
Interpolation	sin (x) / x			
Interval (△T) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm x reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm x reading + 0.4ns)			
Input Coupling	DC, AC , and GND			
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)			
Vertical Sensitivity	5mV/div - 5V/div (at input)			
Trigger Type	Edge, Video			
Trigger Mode	Auto, Normal, and Single			
Trigger Level	±5 divisions from screen center			
Line / Field Frequency (video)	NTSC, PAL and SECAM standard			
Cursor Measurement	△V, and △T between cursors			

Automatic Measurement		Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B , Delay A→B , area, cycle area
Waveform Math		+, -, x, ÷, invert, FFT
Waveform Storage		16 waveforms
Lissajous Figure	Bandwidth	Full bandwidth
	PhaseDifference	±3 degrees
Communication Interface		USB host, USB device
Frequency Counter		available
Power Supply		100V - 240V AC, 50/60Hz, CAT II
Power Consumption		< 15W
Fuse		2A, T class, 250V
Dimension (W x H x D)		301 x 152 x 70 mm
Device Weight		1.10 kg

Specifications subject to change without prior notice.

+ Application

electronic circuit debugging circuit testing design and manufacture
education and training automobile maintenance and testing

+ Accessories

The accessories subject to final delivery.


Power Cord



CD Rom



Manual


USB Cable


Probe


Probe Adjust


Soft Bag (optional)