

Performance Specifications

Model	SDS1022 SE
Bandwidth	20MHz
Sample Rate	100MS/s
Horizontal Scale (s/div)	5ns/div - 100s/div, step by 1 - 2 - 5
Rise Time (at input, typical)	≤17.5ns
Channel	2
Display	7" color LCD, 800 x 600 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 ΔV
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 (ΔT) 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
Trigger Mode	Auto, Normal, and Single
Trigger Level	±6 divisions from screen center
Cursor Measurement	ΔV, and ΔT 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
Waveform Math	+, -, x, ÷, invert, FFT
Waveform Storage	15 waveforms
Lissajous Figure	Bandwidth Full bandwidth PhaseDifference ±3 degrees
Communication Interface	USB
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

Specifications subject to change without prior notice.

+ Accessories

The accessories subject to final delivery.



Power Cord



CD Rom



Manual



USB Cable



Probe



Probe Adjust

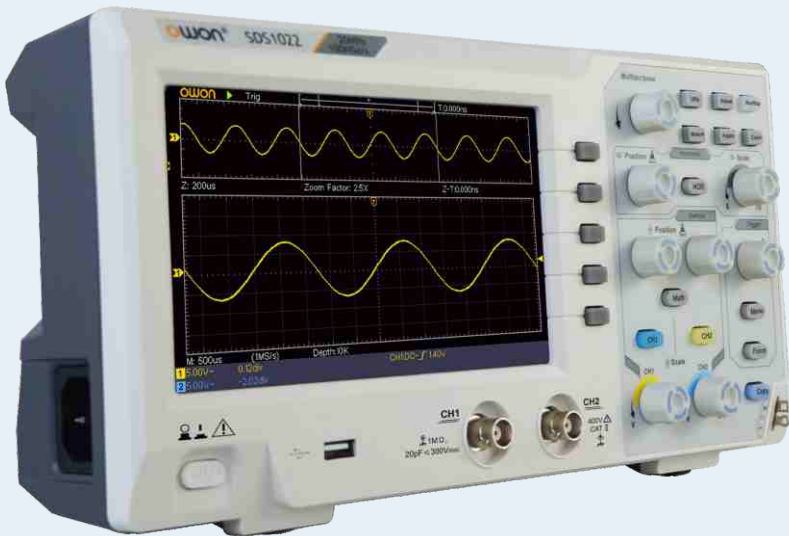


Soft Bag (optional)



SDS1022

Super- economical Type
Digital Storage Oscilloscope



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

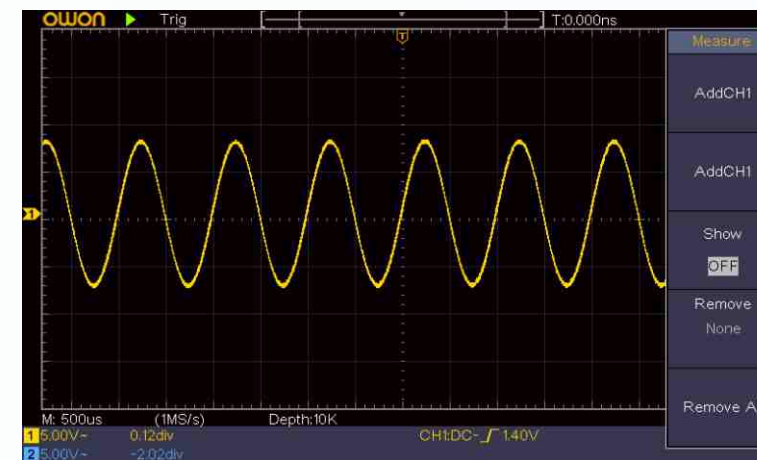
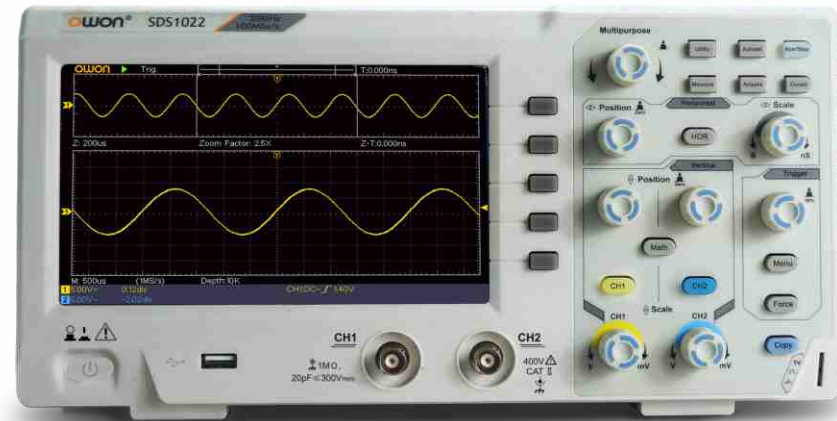
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front-sided USB CI design, more friendly to save data

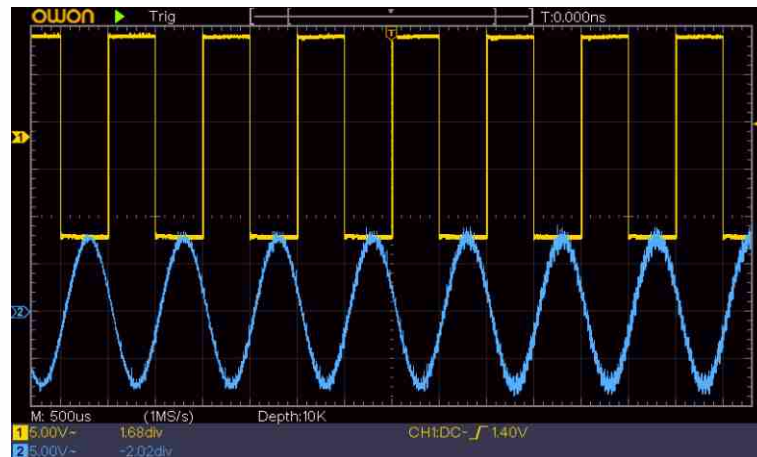


friendly UI interaction

easy-accessible operation menu gets you to the result conveniently

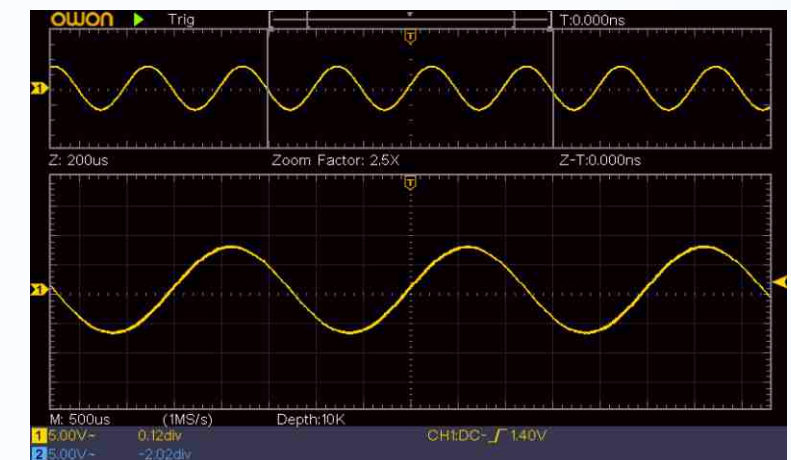
large display

7" high resolution LCD brings more waveform detail fulfilling better visual effect.



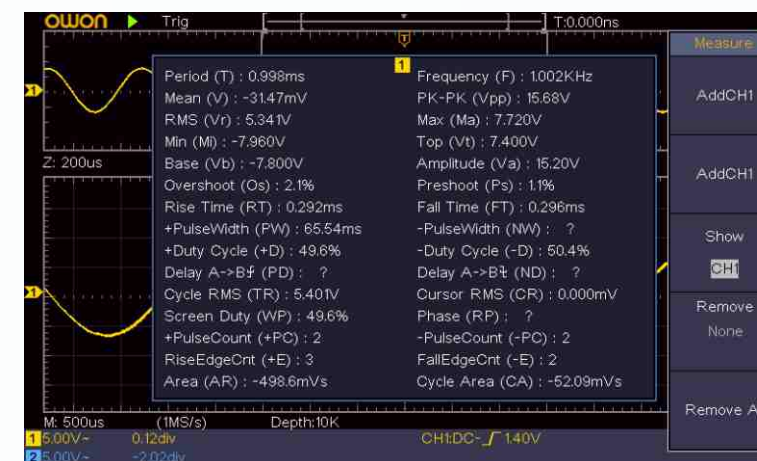
windows extension

the function facilitates the observation of abnormal signal from full waveform



ultra-thin device body, assures super portability

sided power socket better suit for industrial environment measurement



snapshot

one click, all measurement value comes from 32 auto-measurement options