

Deep Memory Digital Storage Oscilloscope

- SDS Series



CE

- + Bandwidth: 100MHz - 300MHz with dual-channel
- + Sample rate: 1GS/s - 3.2GS/s
- + 10M record length for each channel
- + Smart design with easy portability
- + Large 8 inch 800 x 600 pixels LCD
- + LAN remote control
- + Multi-function: auto-scale, Pass / Fail, current measurement, and **digital filtering**
- + SCPI, and LabVIEW supported

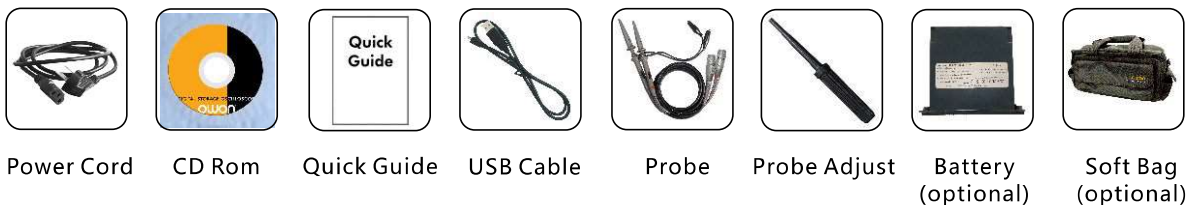
+ Optional **BATTERY** available



Model	SDS7102	SDS7202	SDS8102	SDS8202	SDS8302	SDS9302
Bandwidth	100MHz	200MHz	100MHz	200MHz	300MHz	
Channel	2+1 (external)					
Sample Rate	1GS/s		2GS/s		2.5GS/s	3.2GS/s
Horizontal Scale (s/div)	2ns/div - 100s/div, step by 1 - 2 - 5		1ns/div - 100s/div, step by 1 - 2 - 5			
Rise Time	≤3.5ns	≤1.7ns	≤3.5ns	≤1.7ns	≤1.17ns	
Record length	10M					
Display	8" color LCD, 800 x 600 pixels					
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF					
Vertical Sensitivity	2mV/div - 10V/div					
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)					
Trigger Type	Edge, Pulse, Video, Slope, and Alternate					
Digital Filtering	low-pass, high-pass, band-pass, and band-reject					
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase, Preshoot, Rise Time, Fall Time, Delay A→B, Delay A→B, +Width, -Width, +Duty, -Duty, Duty cycle					
Waveform Math	+, -, ×, ÷, invert, FFT					
Waveform Storage	15 waveforms					
Measuring Current Range	100kA/V - 1KA/V					
Communication Interface	USB host, USB device, Pass / Fail, LAN, VGA (optional), or RS232 (optional)					
Battery (optional)	7.4V, 8000mA					
Dimension (W x H x D)	340 x 155 x 70 mm					
Weight	Approx. 1.80 kg					

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.



Power Cord CD Rom Quick Guide USB Cable Probe Probe Adjust Battery (optional) Soft Bag (optional)