SDS Series Oscilloscopes Technical Specifications

Note: "V" for VGA interface (optional), SDS8302 and SDS9302 including VGA interface as default.

Model	Bandwidth	Sample rate		Rise time	Horizontal Scale(S/div)
SDS6062(V)	60 MHz	Dual CH	250 MS/s	≤ 5.8 ns	5 ns/div – 100 s/div, step by1-2-5
		Single CH	500 MS/s		
SDS7072(V)	70 MHz	Dual CH	500 MS/s	≤ 5.0 ns	2 ns/div – 100 s/div, step by1-2-5
		Single CH	1 GS/s		
SDS7102(V)	100 MHz	Dual CH	500 MS/s	≤ 3.5 ns	
		Single CH	1 GS/s		
SDS7202(V)	200 MHz	Dual CH	500 MS/s	≤ 1.7 ns	
		Single CH	1 GS/s		
SDS8102(V)	100 MHz	Dual CH	1 GS/s	≤ 3.5 ns	1 ns/div – 100 s/div, step by1-2-5
		Single CH	2 GS/s		
SDS8202(V)	200 MHz	Dual CH	1 GS/s	≤ 1.7 ns	
		Single CH	2 GS/s		
SDS8302	300 MHz	Dual CH	1.25 GS/s	≤ 1.17 ns	
		Single CH	2.5 GS/s		
SDS9302	300 MHz	Dual CH	1.6 GS/s	≤ 1.17 ns	
		Single CH	3.2 GS/s		

Display	8" Colored LCD, 800 x 600 pixels, 65536 colors
Channel	2 + 1 (External)
Record length	Max 10M
Input coupling	DC, AC , Ground
Input impedance	1 MΩ ± 2%, in parallel with 15 pF ± 5 pF (Note: 10 pF±5 pF for SDS6062(V))
Max. input voltage	400 V (DC + AC Peak)
DC gain accuracy	± 3%
Vertical sensitivity	2 mV/div - 10 V/div
Trigger type	Edge, Video, Slope, Pulse, Alternate
Trigger mode	Auto, Normal, Single
Line/field frequency (Video)	Support standard NTSC, PAL and SECAM broadcast systems
Automatic measurement	Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vavg, Vrms, Overshoot, Preshoot, Freq, Period, Rise Time, Fall Time, Delay A→B 卐, Delay A→B 卍, +Width, -Width, +Duty, -Duty, Cycle rms, Cursor rms, Duty cycle, Phase
Waveform Math	＋, －, ×, ÷, FFT
Waveform storage	15 waveforms
Communication interface	USB 2.0, USB flash disk storage; LAN, Pass/Fail; VGA interface (only for the model with "V" or the models including VGA interface as default) or RS-232 (Optional)
Power supply	100 V – 240 V AC, 50/60 HZ,CAT Ⅱ