

## Oscilloscopes Technical Specifications

**Note:** Specifications are subject to change without prior notice, standards please refer to our website.

Model	Bandwidth	Sample rate		Rise time	Horizontal Scale(S/div)
SDS5032E(V)	30 MHz	Dual CH	250 MS/s	≤ 11 ns	5ns/div - 100s/div, step by1- 2- 5
		Single CH	500 MS/s		
SDS5052E(V)	50 MHz	Dual CH	250 MS/s	≤ 7.0 ns	
		Single CH	500 MS/s		
SDS6062E(V)	60 MHz	Dual CH	250 MS/s	≤ 5.8 ns	
		Single CH	500 MS/s		
SDS7072E(V)	70 MHz	Dual CH	500 MS/s	≤ 5.0 ns	2ns/div - 100s/div, step by1- 2- 5
		Single CH	1 GS /s		
SDS7102E(V)	100 MHz	Dual CH	500 MS/s	≤ 3.5 ns	
		Single CH	1 GS /s		
SDS7122E(V)	125 MHz	Dual CH	500 MS/s	≤ 2.8 ns	
		Single CH	1 GS /s		

<b>Display</b>	8" Colored LCD, 800 x 600 pixels, 65536 colors	
<b>Channel</b>	2 + 1 (External)	
<b>Record length</b>	SDS5032E(V) SDS5052E(V)	Max 10K
	SDS6062E(V) SDS7072E(V) SDS7102E(V) SDS7122E(V)	Max 1M (can be upgraded to 10M)
<b>Input coupling</b>	DC, AC, Ground	
<b>Input impedance</b>	1 MΩ ± 2%, in parallel with 15 pF ± 5 pF	
<b>Max. input voltage</b>	400 V (DC + AC Peak)	
<b>DC gain accuracy</b>	± 3%	
<b>Vertical sensitivity</b>	SDS5032E(V) SDS5052E(V)	5 mV/div – 5 V/div
	SDS6062E(V) SDS7072E(V) SDS7102E(V) SDS7122E(V)	2 mV/div – 10 V/div
<b>Trigger type</b>	Edge, Video, Slope, Pulse, Alternate	
<b>Trigger mode</b>	Auto, Normal, Single	
<b>Line/field frequency (Video)</b>	Support standard NTSC, PAL and SECAM broadcast systems	
<b>Automatic measurement</b>	Period, Freq, Mean, PK-PK, RMS, Max, Min, Vtop, Vbase, Vamp, OverShoot, PreShoot, Rise Time, Fall Time, +D width, -D width, +Duty, -Duty, Delay A→B $\overline{\mu}$ , Delay A→B $\overline{\sigma}$ , Cycle RMS, Cursor RMS, Duty cycle, and Phase.	
<b>Waveform Math</b>	+, -, x, ÷, FFT	
<b>Waveform storage</b>	15 waveforms	
<b>Communication port</b>	USB Host&Device; LAN port; VGA port or RS-232 (Optional);	
<b>Power supply</b>	100 V – 240 VAC, 50/60 Hz, CAT II	