



Main Features:

1. Bandwidth: 300MHz
2. Sample rate: 3.2GS/s
3. 10M record length for each channel
4. Autoscale function
5. Large 8-inch 800x600 pixels display
6. Pass/Fail function
7. SVGA output
8. Waveform record & replay
9. Battery (Optional)



Performance characteristics

	Model	SDS9302
Performance	Bandwidth	300MHz
	Channels	2+1 (External)
Acquire	Acquisition modes	Sample, Peak Detect and Average
	Sample rate (Real time)	3.2GS/s
Input	Input coupling	DC, AC, Ground
	Input impedance	1MΩ±2%, 10pF±5pF
	Probe attenuation factor	1X, 10X, 100X, 1000X
	Max. input voltage	400V (PK-PK) (DC + AC PK-PK)
	Channels Isolation	50Hz: 100 : 1, 10MHz: 40 : 1
	Time delay between channel (typical)	150ps
	Sample rate range	0.5S/s~3.2GS/s
Horizontal system	Record length	10M(1GS/s)
	Interpolation	(sin x) / x
	Horizontal Scale (S/div)	1ns/div~100s/div, step by 1~2~5
	Interval (ΔT) accuracy (DC-100MHz)	Single: ±(1 interval time + 100ppmx reading + 0.6ns) Average > 16: ±(1 interval time + 100ppmx reading + 0.4ns)
	Sampling rate/relay time accuracy	±100ppm

Performance characteristics

	Model	SDS9302	
Vertical System	Vertical resolution (A/D)	8 bits Resolution (2 channels simultaneously)	
	Vertical sensitivity	2mV/div ~ 10V/div(at input)	
	Displacement	±1V(2mV~200mV), ±10V(500mV~1V), ±100V(2V~10V)	
	Analog Bandwidth	300MHz	
	Single bandwidth	Full bandwidth	
	low frequency	≥ 5Hz	
	Rise time (at input, typical)	≤1.17ns	
	DC gain accuracy	±3%	
	DC accuracy(Average)	Average > 16: ±(3% rdg + 0.05 div) for ΔV	
Measurement	Cursor measurement	ΔV and ΔT between cursors	
	Automatic measurement	Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vavg, Vrms, Overshoot, Preshoot, Freq, Period, Rise Time, Fall Time, DelayA→B, DelayA←B, +Width, -Width, +Duty, -Duty	
	Waveform Math	+, -, ×, /, FFT	
	Waveform storage	15 waveforms	
	Lissajou's figure	Bandwidth	Full bandwidth
		Phase difference	±3 degrees
Communication interface	USB, USB flash disk storage, Pass/Fail, SVGA, LAN		
Trigger	Trigger level range	±6 divisions from screen center	
	Trigger level accuracy	±0.3div	
	Horizontal Trigger displacement	Pre-trigger: 655 div, Post-trigger: 10 div	
	Trigger Holdoff range	100ns ~ 10s	
	Edge trigger	Rising、Falling	
	Pulse Trigger	Trigger Condition	Positive pulse: >、<、= negative pulse: >、<、=
		Pulse width range	24ns ~ 10s
	Video Trigger	NTSC、PAL、SECAM	
	Slope Trigger	Trigger Condition	Positive pulse: >、<、= negative pulse: >、<、=
		Time setting	24ns ~ 10s
Alternate Trigger	Edge, Pulse, Video, Slope		
Waveform record	Waveform quantity	1 ~ 1000	
	Interval time	1ms ~ 1000s	
	Display	8" color LCD, TFT display, 800x600 pixels, 65535 colors	
	Power Supply	100 ~ 240V AC RMS, 50/60Hz, CAT II	
	Power consumption	< 18W	
	Weight	1.8Kg(without battery)	

Accessories



Probe



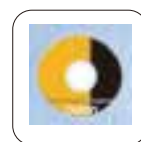
Power Cord



Probe adjust pen



USB data cable



Driver CD



Battery (optional)



Manual