

Deep memory digital storage oscilloscope



Main Features:

- 1.Bandwidth:60-300MHz
- 2.Sample rate:500MS/s - 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)

Application:

Design and Debug Circuit function test Mixed signal circuit test
Identified signals logic information Education & Training

Oscilloscope Specification							
	Model		SDS6062	SDS7102	SDS8102	SDS8202	SDS8302/SDS9302
Vertical System	Vertical resolution (A/D)		8 bits Resolution (2 channels simultaneously)				
	Vertical sensitivity		2mV/div~10V/div(at input)				
	Displacement		±10div(5mV~10v)	±1V(2mV~100mV), ±10V(200mV~1V),±100V(2V~10V)			
	Analog Bandwidth		60MHz	100MHz		200MHz	300MHz
	Single bandwidth		Full bandwidth				
	low frequency		≥ 5Hz				
	Rise time (at input, typical)		≤5.8ns	≤3.5ns		≤1.7ns	≤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, support USB flash disk storage, SVGA					
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	24ns~10s				
		width range					
	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	100~240VAC RMS, 50/60Hz, CAT II
	Power consumption	< 18W
	Dimension Weight	340mm(L)×155mm(H)×70mm(W) 1.8kg (without battery)

Made in China