SDS-E Series 2nd generation economical type digital storage oscilloscope



+ Bandwidth : 30MHz - 125MHz
+ Sample rate : 250MS/s - 1GS/s
+ 100K record length
  (10M optional, excluding SDS5032E)
+ Ultra-thin body
+ 8 inch high def TFT display
+ Pass / Fail function
+ Add / Remove measure function,
  and user-defined measurement menu

VGA LAN USB WAVE RECORD FFT

+ Performance Specifications

Model	SDS5032E	SDS6062E	SDS7072E	SDS7102E	SDS7122E
Bandwidth	30MHz	60MHz	70MHz	100MHz	125MHz
Sample Rate (real time)	250MS/s	500MS/s	1GS/s		
Horizontal Scale (s/div)	4ns/div - 100s/div, step by 1 - 2 - 4	5ns/div - 100s/div, step by 1 - 2 - 5	2ns/div - 100s/div, step by 1 - 2 - 5		
Rise Time (at input, typical)	≤11ns	≤5.8ns	≤5ns	≤3.5ns	≤2.8ns
Channel	2 + 1 (external)				
Display	8" color LCD, TFT display, 800 × 600 pixels, 65535 colors				
Input Impedance	1MΩ ± 2%, in parallel with 10pF ± 5pF	1MΩ ± 2%, in parallel with 15pF ± 3pF			
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1				
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)				
DC Gain Accuracy	±3%				
Record Length	10K, 100K (optional 10M)				
DC Accuracy (average)	Average≥16 : ±(3% reading + 0.05 div) for △V				
Probe Attenuation Factor	1X, 10X, 100X, 1000X				
LF Respond (AC, -3dB)	≥10Hz (at input, AC coupling, -3dB)				
Sample Rate / Relay Time Accuracy	±100ppm				
Interpolation	sin(x)/x				
Interval (△T) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm × reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm × reading + 0.4ns)				
Input Coupling	DC, AC , and GND				
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)				
Vertical Sensitivity	5mV/div - 10V/div (at input)	2mV/div - 10V/div (at input)			

Model		SDS5032E	SDS6062E	SDS7072E	SDS7102E	SDS7122E
Trigger Type		Edge, Pulse, Video, Slope	Edge, Pulse, Video, Slope, Alternate			
Trigger Mode		Auto, Normal, Single				
Trigger Level		±6 divisions from screen center				
Line / Field Frequency (video)		NTSC, PAL, and SECAM standard				
Cursor Measurement		△V, and △T between cursors				
Automatic Measurement		Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→B, Delay A→B, +Width, -Width, +Duty, -Duty				
Waveform Math		+, -, ×, ÷, invert, FFT				
Waveform Storage		15 waveforms				
Lissajous Figure	Bandwidth	full bandwidth				
	Phase Difference	±3 degrees				
Communication Interface		USB host, USB device, Pass / Fail, LAN, VGA (optional)				
Frequency Counter		available				
Power Supply		100V - 240V AC, 50/60Hz, CAT II				
Power Consumption		<18W				
Fuse		2A, T class, 250V				
Battery		not supported				
Dimension (W×H×D)		348 × 170 × 78 (mm)				
Weight (without package)		1.50 kg				

Specifications subject to change without prior notice.

+ Application

electronic circuit debugging circuit testing design and manufacture
education and training automobile maintenance and testing

+ Accessories

The accessories subject to final delivery.



Power Cord CD Rom Manual USB Cable Probe Probe Adjust Soft Bag (optional)