



SDS5032E-V

2nd generation economical type digital storage oscilloscope

- + Bandwidth : 30MHz
- + Sample rate : 250MS/s+ 100K record length
- + Ultra-thin body
- + 8 inch high def TFT display
- + Pass / Fail function
- + Add / Remove measure function, and user-defined measurement menu



+ Performance Specifications

Model	SDS5032E-V
Bandwidth	30MHz
Sample Rate (real time)	250MS/s
Horizontal Scale (s/div)	4ns/div ~ 100s/div, step by 1~2~4
Rise Time (at input, typical)	≤11ns
Channel	2 + 1 (external)
Display	8" color LCD, TFT display , 800 × 600 pixels, 65535 colors
Input Impedance	1MΩ ± 2%, in parallel with 15pF±5pF
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
DC Accuracy (average)	Average≥16: ±(3% reading + 0.05 div) for ΔV
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 (ΔT) 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)

Trigger Type		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		ΔV, and ΔT between cursors
Automatic Measurement		Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B↱, Delay A→B↲
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)
Cymometer		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
education and training
- circuit testing
automobile maintenance and testing
- design and manufacture

+ Accessories The accessories subject to final delivery.

