



10M
Deep Memory

SDS7202V

Deep Memory Digital Storage Oscilloscope

- + Bandwidth : 200MHz with dual-channel
- + Sample rate : 1GS/s
- + 10M record length for each channel
- + Smart design with easy portability
- + Large 8 inch 800 x 600 pixels LCD
- + LAN remote control
- + Multi-function : auto-scale, Pass / Fail, current-measuring, and **digital filtering**
- + SCPI, and LabVIEW supported
- + newly added function - PictBridge
- + Optional **BATTERY** available



+ Performance Specifications

Model	SDS7202V
Bandwidth	200MHz
Sample Rate	1GS/s
Horizontal Scale (s/div)	2ns/div~ 100s/div, step by 1~2~5
Rise Time	≤1.7ns
Display	8" color LCD, 800 x 600 pixels
Channel	2 + 1 (external)
Record Length	10M
Input Coupling	DC, AC, and GND
Input Impedance	1MΩ ± 2%, in parallel with 10pF ± 5pF
Channel Isolation	50MHz : 100 : 1, 10MHz : 40 : 1
Max Input Voltage	400V (DC + AC Peak)
DC Gain Accuracy	±3%
DC Accuracy	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)
Sampling 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)
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)
Vertical Sensitivity	2mV/div~10V/div
Trigger Type	Edge, Pulse, Video, Slope, and Alternate
Trigger Mode	Auto, Normal, and Single

Trigger Level	±6 divisions from screen center	
Acquisition modes	Sample, Peak Detect, and Average	
Line / Field Frequency (video)	NTSC, PAL and SECAM standard	
Cursor Measurement	ΔV, and ΔT between cursors	
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, 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	Bandwidth	full bandwidth
Figure	Phase Difference	±3 degrees
Communication Interface	USB host, USB device, Pass / Fail, LAN, VGA (optional), or RS232 (optional)	
Cymometer	available	
Power Supply	100V - 240V AC, 50/60Hz, CAT II	
Power Consumption	< 24W	
Fuse	2A, T class, 250V	
Battery (optional)	7.4V, 8000mA	
Dimension (W × H × D)	340 × 155 × 70 (mm)	
Weight (without package)	1.80 kg	

Specifications subject to change without prior notice.

+ Application

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

+ Accessories

The accessories subject to final delivery.

