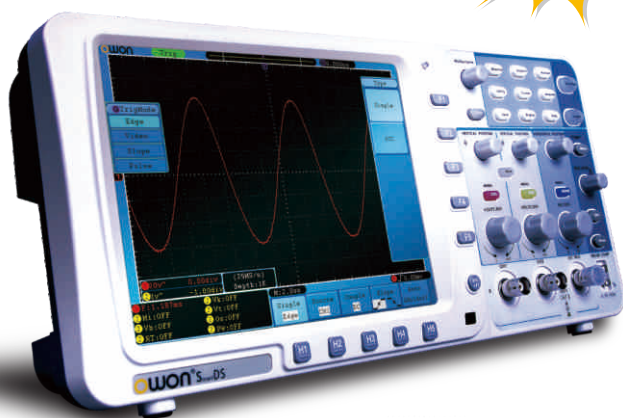
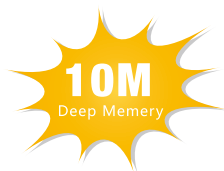




Smart DS Series

Deep Memory Digital Storage Oscilloscope

- ✓ Bandwidth : 60MHz ~ 300MHz with dual channels
- ✓ Sample rate : 500MS/s ~ 3.2GS/s
- ✓ 10M record length for each channel
- ✓ Multi-function : auto-scale, Pass / Fail, and current-measuring
- ✓ Newly supported SCPI
- ✓ LAN remote control
- ✓ Smart design with easy workplace
- ✓ Large 8 inch 800 x 600 pixels display
- ✓ Optional battery available



+ Performance Specifications

Model	SDS6062	SDS7072	SDS7102	HOT SDS8102	SDS8202	SDS8302	SDS9302
Bandwidth	60MHz	70MHz	100MHz		200MHz	300MHz	
Sample Rate	500MS/s	1GS/s		2GS/s		2.5GS/s	3.2GS/s
Horizontal Scale (s/div)	5ns/div ~ 100s/div, step by1~2~5	2ns/div ~ 100s/div, step by1~2~5		1ns/div ~ 100s/div, step by1~2~5			
Rise Time	≤5.8ns	≤5ns	≤3.5ns	≤1.7ns		≤1.17ns	
Display	8" color LCD, 800 x 600 pixels, 65535 colors						
Channel	2 + 1 (external)						
Record Length	10K, 100K (optional 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 (PK - PK) (DC + AC, PK - PK)						
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)	≥5Hz (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 resolution (2 channels simultaneously)						
Vertical Sensitivity	2mV/div~10V/div						