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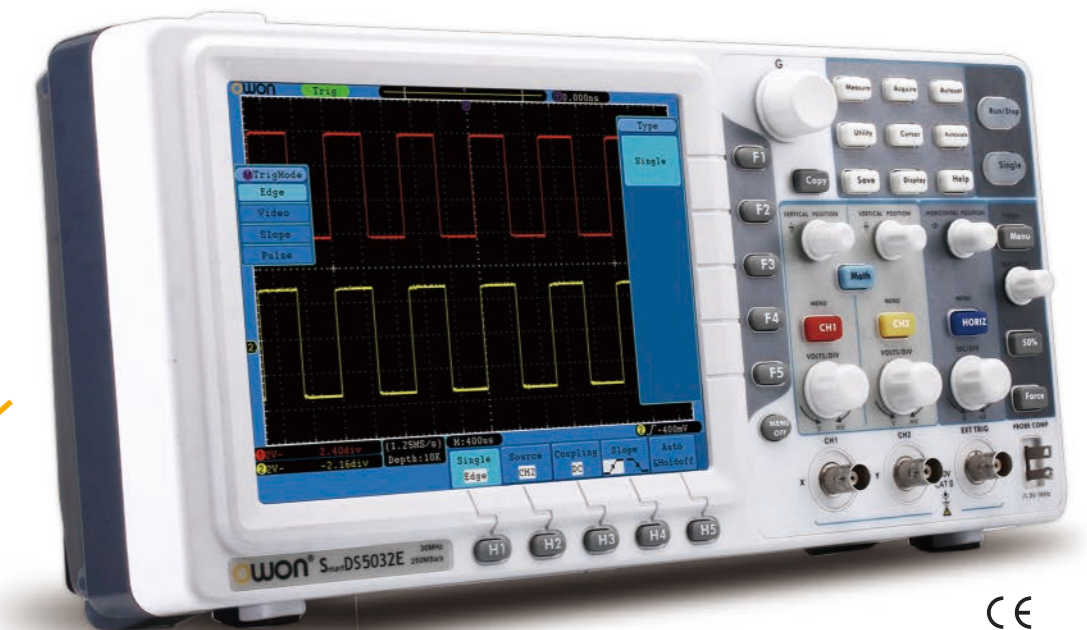
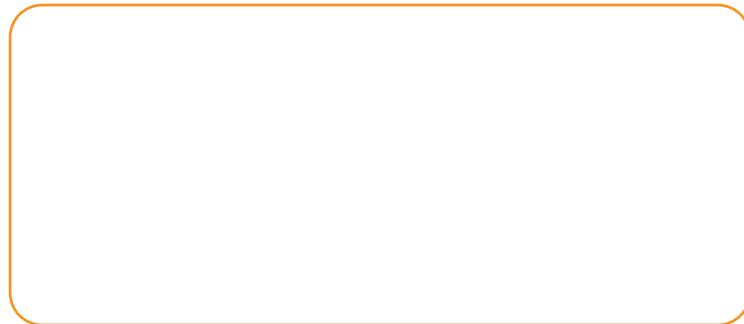
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SDS5032E

2nd Generation of PDS5022



Please contact local distributor for further information.



CE

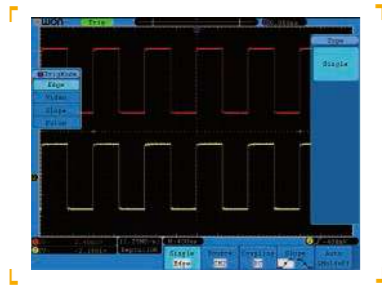


1. Bandwidth: 30MHz;
2. Sample rate: 250MS/s;
3. 8 inch high definition TFT display;
4. Ultra-thin body;
5. Pass/Fail function;
6. Add/remove measure function, user-defined measure menu.

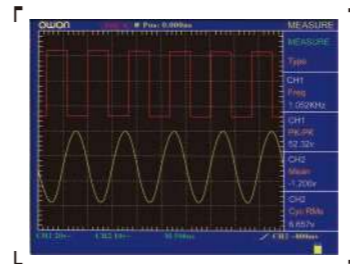
SDS 5032E

PDS Series

Enjoy More Wide View



8.0 inch TFT LCD with high resolution 800*600. Enlarge to 15x10 divisions for more data.



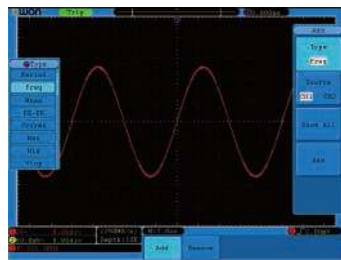
7.8 inch TFT 10x8 divisions Display

With Better Performance

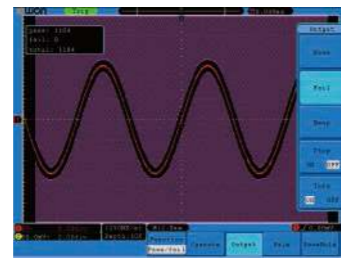
- 1 Bandwidth: 30MHz; Sample rate: 250MS/s(single), 125MS/s(double)
- 2 10K Record Length
- 3 Trigger type: Edge/Video/Pulse/Slope
- 4 Waveform storage: 15 waveforms
- 5 with Waveform Record & Replay

- 1 Bandwidth: 25MHz; Sample rate: 100MS/s
- 2 6K Record Length
- 3 Trigger type: Edge/Video
- 4 Waveform storage: 4 waveforms
- 5 Waveform Record & Replay: none

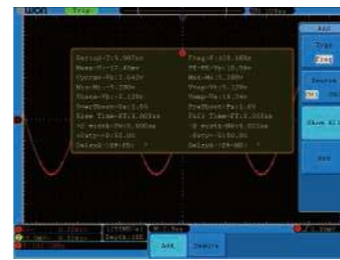
SDS5032E With More Convenience and High Efficiency



Add/remove measure types as you'd like, make your job easier



Pass/Fail function, build signature template for the test projects on a production line, improve productivity.



One-button to show all the measures, make the test easier and faster

User-friendly operation of 2D menus, you can see all the operable menus in combination



Rich interface design
 USB2.0 (DEVICE)
 USB1.1 (HOST)
 RS232 (optional)
 VGA (optional)
 PASS/FAIL (TRIG OUT)
 LAN
 to meet your various needs

Performance characteristics

Model	SDS5032E	
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)	≤14ns	
Channels	2 + 1 (External)	
Display	8" color LCD, TFT display, 800×600 pixels, 65535 colors	
Input impedance	1MΩ±2%, in parallel with 15pF±5pF	
channels Isolation	50Hz: 100 : 1, 10MHz: 40 : 1	
Max.input voltage	400V (PK-PK) (DC+AC PK-PK)	
DC gain accuracy	±3%	
Record length	Max.10K points on each channel	
DC accuracy(Average)	Average ≥16: ± (3% reading+0.05div) for ΔV	
Probe attenuation factor	1X, 10X, 100X, 1000X	
LF respond (AC,-3dB)	≥5Hz (at input AC coupling, -3dB)	
Sample rate/relay time accuracy	±100ppm	
Interpolation	(sinx) / 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, GND	
Vertical resolution (AD)	8 bits resolution (2Channels simultaneously)	
Vertical sensitivity	5mV/div~5V/div (at input)	
Trigger type	Edge, Pulse, Video, Slope	
Trigger mode	Auto, Normal, Single	
Trigger level	±6 divisions from screen center	
Line/field frequency(Video)	Support standard NTSC, PAL and SECAM broadcast systems	
Cursor measurement	ΔV and ΔT between cursors	
Automatic measurement	Vpp, 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	+, -, ×, ÷, FFT	
Waveform storage	15 waveforms	
Lissajou's figure	Bandwidth	Full bandwidth
	Phase difference	±3 degrees
Communication interface	USB, USB flash disk storage, 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 support	

OWON continues to improve products and reserves the rights to change specifications without advance notice. For latest ones, please refer to our website.

Application

Electronic circuit debugging
 Education and training

Circuit testing

Design and manufacture

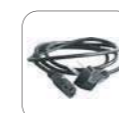
Automobile maintenance and testing

Accessories

The receipt of accessories should be taken as final.



Probe



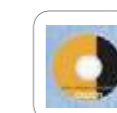
Power cord



Probe adjust



USB



CD-Rom



Manual



Soft bag(optional)