

LILLIPUT[®]

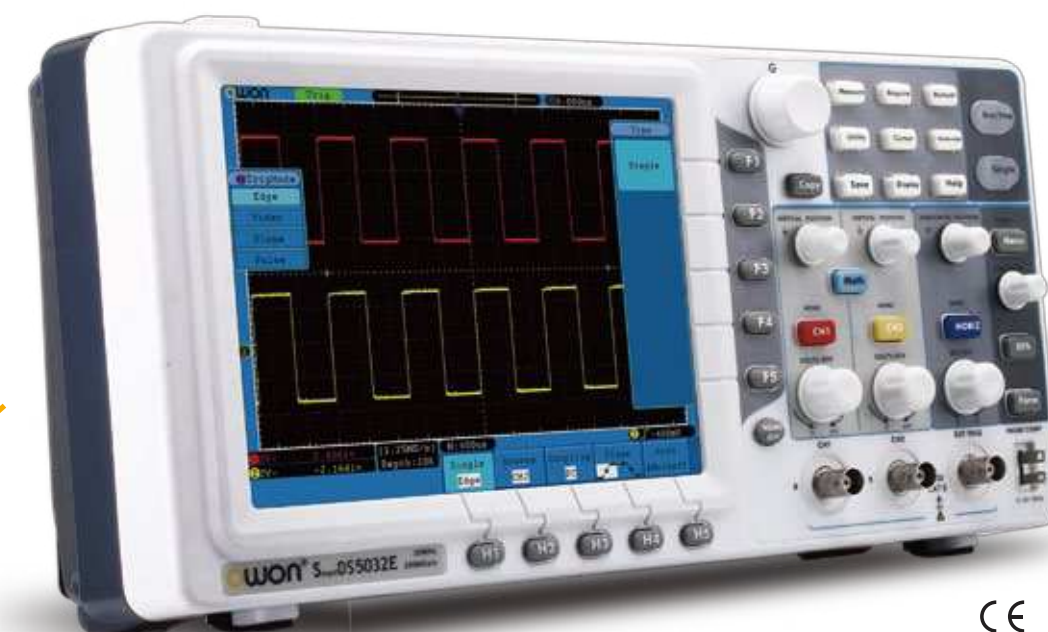
Fujian Lilliput Optoelectronics Technology Co.,Ltd.
The Mansion of Optoelectronics Hengsan Rd,Lantian
Industrial Zone,Zhangzhou,Fujian,China
Tel: +86-596-2130430 Fax: +86-596-2109272
WWW.OWON.COM.HK

Xiamen Lilliput Technology Co.,Ltd.
5F,B Area,C Huangxin Plaza,Softpack,Zhenzhu Wan Huan Dao Rd,Xiamen,China.
Tel: +86-592-2575666 Fax: +86-592-2575669 WWW.OWON.COM.CN

Please contact local distributor for further information.

SDS5032E

2nd Generation of PDS5022



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.

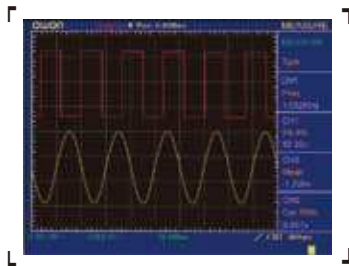
SDS 5032E

PDS Series

Enjoy More Wide View



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



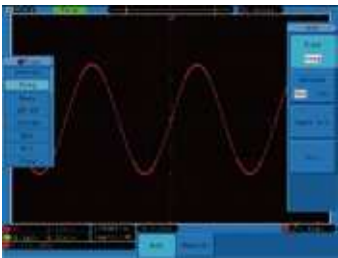
7.8 inch TFT 10x8 divisions Display

With Better Performance

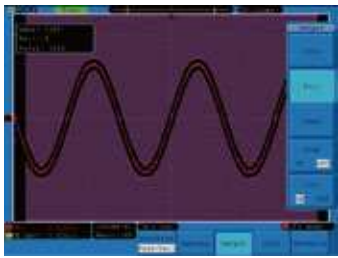
- 1
- Bandwidth:30MHz; Sample rate:250MS/s(single),125MS/s(double)
- 2
- 10K Record Length
- 3
- Trigger type: Edge/Video/Pulse/Slope
- 4
- Waveform storage: 15 waveforms
- 5
- with Waveform Record & Replay

- 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

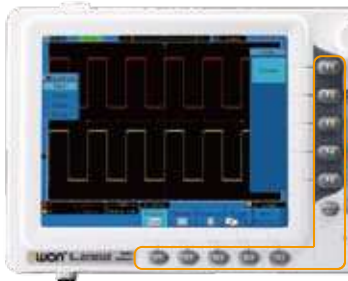


Pass/Fail function, build signature template for the test projects on a production line, improve productivity.



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 imedance		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 (2 Channels 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,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		+, −, ×, ÷, 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.

