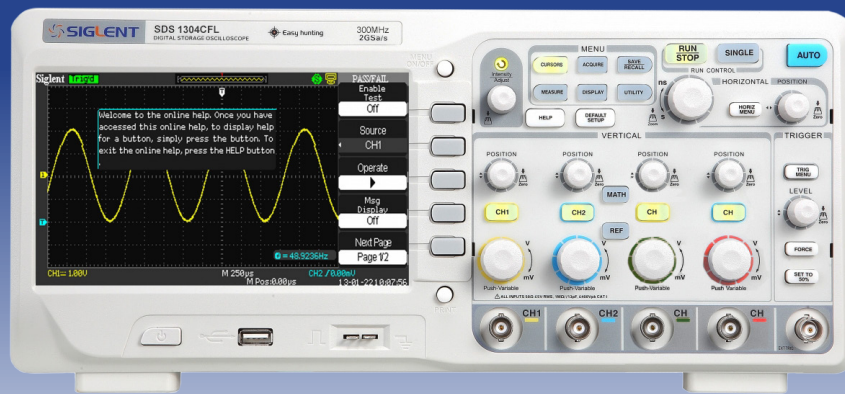


Wavecom Instruments

Siglent CFL Series

4 Channel Digital Oscilloscopes



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Siglent CFL Series

4 Channel Digital Oscilloscopes

Overview

Siglent's SDS1000CFL family of scopes offer faster sampling rates and higher bandwidths than other Siglent SDS1000 families of scopes. The CFL's offer two and four channel varieties, with an external trigger input channel and bandwidths up to 300 MHz. With a set of separate vertical controls for each input channel, you don't need to worry about accidentally modifying the wrong trace. No more switching between channels as found in some other 2 oscilloscopes. Powerful triggering and analysis capabilities make it easy to capture and analyze waveforms, greatly improving the test efficiency.

Features

- ◇ 7" Color TFT LCD display
- ◇ 4 Channels (2 Channel Versions also available)
- ◇ 70MHz-300 MHz Bandwidth
- ◇ Single channel real-time sampling rate is: 2GSa/s, Equivalent sampling rate is 50GSa/s
- ◇ Memory depth: 24Kpts
- ◇ Trigger types: Edge, Pulse, Video, Slope and Alternative
- ◇ Powerful Digital Filter function and Waveform recorder function
- ◇ Auto measurement of thirty two parameters
- ◇ 4 groups' reference waveforms. 20 groups of captured waveforms and 20 groups of setups. Internal save/recall function and USB flash drive save/recall function.
- ◇ Cursor types: Manual mode, Track mode and Auto mode
- ◇ Channel waveform and its FFT waveform display on split screen or full screen
- ◇ Four Screen display styles: Classical, Modern, Tradition, Succinct
- ◇ Multiple Language User Interface
- ◇ Supports built-in online help system
- ◇ Standard interfaces: Dual USB Host; USB Device; LAN Port; Pass/Fai Out

Contents

- ◇ Siglent CFL Series Digital Oscilloscope
- ◇ Quickstart Guide
- ◇ 4x 1:1 / 10:1 Probe
- ◇ Power Cable
- ◇ Product Qualification Certificate and Warranty Card

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Siglent CFL Series

4 Channel Digital Oscilloscopes

Specifications

Models	SDS-1074CFL	SDS-1104CFL	SDS-1204CFL	SDS-1304CFL
Bandwidth	70MHz	100MHz	200MHz	300MHz
Channels	4CH + 1EXT			
Real Time Sampling Rate	2 Gigasamples/Second (Half Channel) - 1 Gigasamples/Second (Each Channel)			
Equivalent Sampling Rate	50 Gigasamples/Second			
Memory Depth	24 Kpts (Half Channel) - 12 Kpts (Each Channel)			
Rise Time	<5.0 ns	<3.5 ns	<1.7 ns	<1.2 ns
Input Impedance	1M Ω 13 pF		1M Ω 13 pF, 50 Ω	
Time Base Range	5.0 ns/div-50 s/div Scan: 100ms- 50 s/div	2.5 ns/div-50 s/div Scan: 100ms- 50 s/div	2.5 ns/div-50 s/div Scan: 100ms- 50 s/div	1.0 ns/div-50 s/div Scan: 100ms- 50 s/div
Vertical Sensitivity	2 mv-5 v/div (1-2-5 order)			
Vertical Resolution	8 bit			
Trigger Source	CH1, CH2, EXT, EXT/5, AC Line			
Trigger Types	Edge, Pulse, Video, Slope, Alternative			
Mathematical Operations	+, -, *, \div , FFT			
Digital Filter	High Pass, Low Pass, Band Pass, Band Stop			
Max Input Voltage	\pm 400V (DV+AC Pk-Pk) CATI, CATII			
Internal Storage	2 Groups of Reference Waveforms, 20 Groups of Settings, 20 Groups of Waveforms			
External Storage	Bitmap, CSV, Waveform and Setting Save			
Language	English, French, German, Russian, Spanish, Simplified Chinese, Traditional Chinese, Portuguese, Japanese, Korean, Italian, Arabic			
Interface	Double USB Host, USB Device, LAN, Pass/Fail			
Display	7 inch TFT LCD Screen			

Ordering Information

- | | |
|---|---------------|
| ◇ 70MHz 4 Channel Digital Oscilloscope | "SDS-1074CFL" |
| ◇ 100MHz 4 Channel Digital Oscilloscope | "SDS-1104CFL" |
| ◇ 200MHz 4 Channel Digital Oscilloscope | "SDS-1204CFL" |
| ◇ 300MHz 4 Channel Digital Oscilloscope | "SDS-1304CFL" |

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