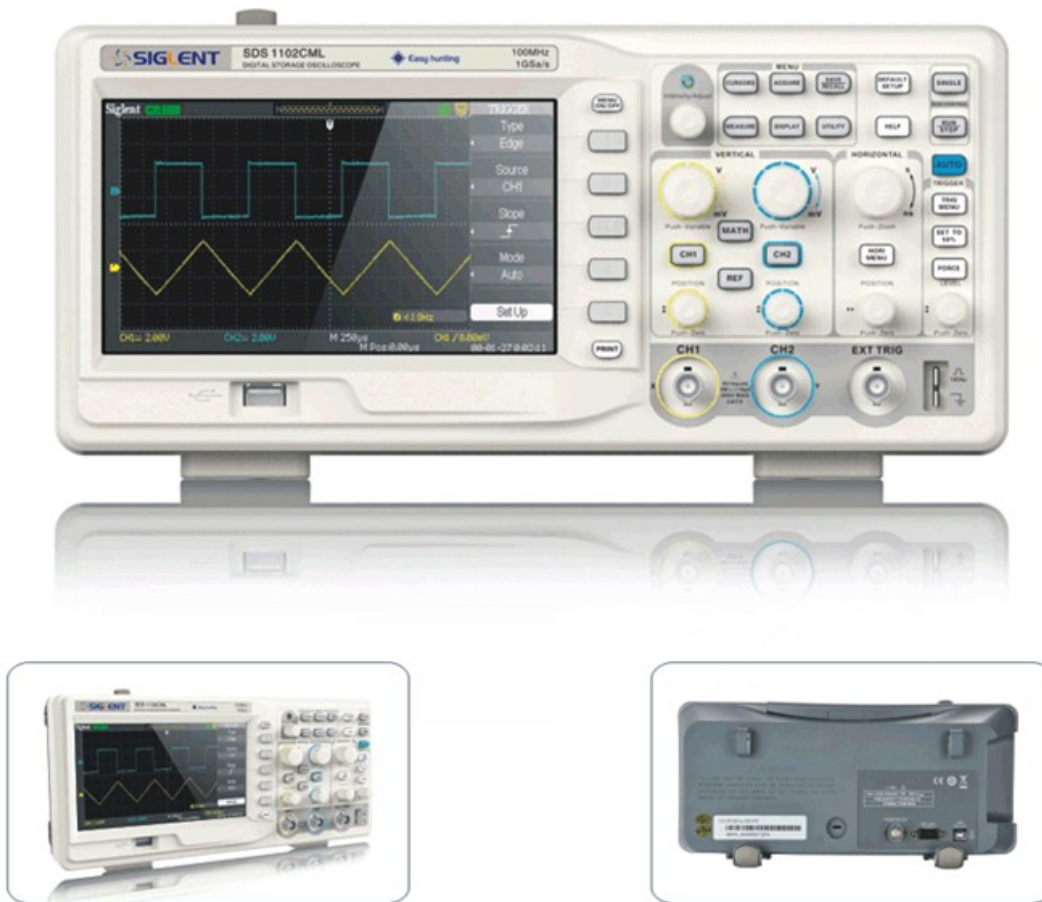


SDS1000DL/CNL/CML Series Digital Storage Oscilloscope



Application

- Electronic circuit design and debugging
- Electrical circuit function test
- Inspect instantaneous signal
- Industrial control and measuring
- Products quality control
- Education and training

Features and Benefits

- Up to 200MHz Bandwidth, 1GSa/s sampling rate
- 7 inches color TFT-LCD display, 480*234
- Channels: 2CH+1 EXT
- 500M-1GSa/s sampling rate, 5K-2Mpts memory depth
- 6 digits hardware frequency counter, real time counting display
- Support SCPI programming command control
- Interface: USB device, USB host, RS-232, Pass/Fail
- Unique digital filter and data recorder function
- Embedded 12 languages, online help, one key storing and one key printing

SDS1000DL/CNL/CML Series Digital Storage Oscilloscope

Specifications

Model	SDS1022DL	SDS1072CNL	SDS1202CNL	SDS1072CML
	SDS1052DL			SDS1102CML
	SDS1102DL	SDS1102CNL		SDS1152CML
	SDS1202DL			
Bandwidth	25/50/100/200MHz	70/100MHz	200MHz	70/100/150MHz
Channels	2CH +1EXT			
Real time sampling rate	500MSa/s	1GSa/s	Each channel:1GSa/s	1GSa/s
Equivalent sampling rate	50GSa/s(SDS1022DL:10GSa/s)			
Memory depth	32Kpts	40Kpts	5Kpts/CH	2Mpts
Input impedance	1M Ω 17pF			
Vertical sensitivity	2mV ~ 10V/div		2mV ~ 5V/div	2mV ~ 10V/div
Vertical resolution	8bit			
Trigger source	CH1,CH2,EXT,EXT/5,AC Line			
Trigger types	Edge, Pulse, Video, Slope, Alternative			
Math operation	+, -, *, /, FFT			
Digital filter	High pass, Low pass, Band pass, Band stop			
Data recorder function	√	√	x	√
Max input voltage	±400 V (DC+AC Pk-Pk) CAT I CAT II			
Internal storage	2 groups of reference waveform, 20 groups of setting(SDS1000CML:10groups), 20 groups of waveform			
External storage	Bitmap save, CSV save, Waveform save, Setting save			
Lasting	Turn off,1s,2s,5s,infinite			
Language	English, French, German, Russian, Spanish, Simplified Chinese, Traditional Chinese, Portuguese, Japanese, Korean, Italian, Arabic			
Interface	USB Host,USB Device,RS-232,Pass/Fail			
Display	7 inches color TFT-LCD, 480*234			
Power	AC 100-240V,45Hz-440Hz,50VA Max			

Standard Accessories



SDS 100CFL Series Digital Storage Oscilloscope



Application

- Embedded electronic circuit design and test
- Mechanical and electrical products design and analysis
- Education and research
- Product quality control
- Real-time signal display
- Product test, circuit function test

Features and Benefits

- Up to 300MHz bandwidth, 2GSa/s real time sampling rate
- 7 inches color TFT-LCD, 480*234
- 6 digits hardware frequency counter, real time counting display
- Internal storage: 2/4 reference waveforms, 20 setups, 20 waveforms
- 5 triggers functions: Edge, Pulse, Video, Slope, Alternative
- 4 saving types: Setup data, Waveform data, Interface bitmap, CSV file
- Digital filter function, one key storing and one key printing function
- Interface: USB Host, which supports USB Flash driver storage and firmware upgrading, USB Device, which supports remote control and PictBridge printing, RS-232, Pass/Fail

Specifications

Model	SDS1302CFL SDS1304CFL	SDS1202CFL SDS1204CFL	SDS1102CFL SDS1104CFL	SDS1072CFL SDS1074CFL
Bandwidth	300MHz	200MHz	100MHz	70MHz
Channels	4CH+1EXT/2CH+1EXT			
Real time sampling rate	2GSa/s(half channel), 1GSa/s(each channel)			
Equivalent sampling rate	50GSa/s			
Memory depth	24Kpts(half channel), 12Kpts(each channel)			
Rise time	<1.2ns	<1.7ns	<3.5ns	<5.0ns
Input impedance	1MΩ 13pF, 50Ω		1MΩ 13pF	
Time base range	1.0ns-50s/div	2.5ns-50s/div	2.5ns-50s/div	5ns-50s/div
	Scan: 100ms-50s/div			
Vertical sensitivity	2mV-5V/div(1-2-5 order)			
Vertical resolution	8 bit			
Trigger source	CH1, CH2, CH3, CH4, EXT, EXT/5, AC Line			
Trigger types	Edge, Pulse, Video, Slope, Alternative			
Math operation	+, -, *, /, FFT			
Digital filter	High pass, Low pass, Band pass, Band stop			
Max input voltage	± 400 V (DC+AC Pk-Pk) CAT I CAT II			
Internal storage	2/4 groups of reference waveforms, 20 groups of settings, 20 groups of waveform			
External storage	Bitmap save, CSV save, Waveform save, 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 inches color TFT-LCD (480*234)			