

| Model | SDS1074 | SDS1102 | SDS1202 | SDS1302 |
|--------------------------|---|-------------------|---------------------------------|-------------------|
| | | SDS1104 | SDS1204 | SDS1304 |
| Bandwidth | 70MHz | 100MHz | 200MHz | 300MHz |
| Channels | 2/4CH + 1 EXT | | | |
| Sample Rate | 1GSa/s(each channel), 2GSa/s(half channel) | | | |
| Equivalent sampling rate | 50GSa/s | | | |
| Memory depth | 12K(each channel), 24k(half channel) | | | |
| Rise time | < 5ns | < 3.5ns | < 1.7ns | < 1.2ns |
| Input impedance | 1M Ω 13pF | | 1M Ω 13pF, 50 Ω | |
| Time base range | >5.0ns/div-50s/div | 2.5ns/div-50s/div | 2.5ns/div-50s/div | 1.0ns/div-50s/div |
| | Scan: 100ms-50s/div | | | |
| Vertical sensitivity | 2mV - 5V/div | | | |
| Vertical resolution | 8bit | | | |
| Trigger source | CH1, CH2, CH3, CH4, Ext, Ext/5, AC Line | | | |
| Trigger types | Edge, Pulse, Video, Slope, Alternative | | | |
| Math Operation | +, -, \times , \div , FFT | | | |
| Digital filter | High pass, Low pass, Band pass, Band Stop | | | |
| Max input voltage | \pm 400V(DC+ACPk-Pk), CAT I, CAT II | | | |
| Internal storage | 2/4 groups of reference waveform, 20 groups of settings, 20 groups of waveforms | | | |
| Language | English, French, German, Russian, Spanish, Simplified Chinese, Traditional Chinese, Portuguese, Japanese, Korean, Italian, Arabic | | | |
| Interface | Double USB Host, USB Device, LAN, Pass/Fail out | | | |
| Display | 7"color TFT-LCD | | | |
| Power | AC 100-240V, 45Hz-440Hz, 50VA Max | | | |
| PC software | Can through the computer remote control oscilloscope, extraction waveform analysis data | | | |
| Remark | With original source seamless connection, form signal collection, produce integration system | | | |