

MDS-928 Digital Storage Oscilloscope

Overview:

MSD-928 digital storage oscilloscope combines mature and steady hardware configuration, high-powered digital signal processing technology and functionality concepts with a mainstream display interface and the operation panel. MSD-928, with its intuitive logical and convenient user interface and most compatible price, is available with powerful functions and excellent performances.

Features:

- 25MHz/60MHz/100MHz/150MHz/200MHz bandwidth
- Sampling rate up to 1Gsa/s & 500Msa/s, memory depth up to 2Mpts
- Advanced triggering: edge, pulse, video, slope, alternative
- 32 parameters auto measuring
- Save/Recall available with setups, waveforms, CSV file, pictures
- Auto setup, Run/Stop control, Menu ON/OFF button
- Unique digital filter and waveform recording function
- Multi-lingual user interface with 12 languages and context sensitive help
- 4 math functions plus FFT
- Large internal waveform and setup storage
- Front panel print button for easy saving or printing screen shots
- Screen-saver function (1 min. to 5 hours)
- USB and RS-232 ports for direct PC remote control from, the USB port also allows for connections to printers and memory sticks

Applications:



MODEL	MSD-928
Bandwidth	200MHz
Channels	2 channels + 1 external triggering channel
Real time sampling rate	Single channel: 500Msa/s; Dual channel: 250Msa/s (TSO 1022, TSO 1042, TSO 1202) Single channel: 1Gsa/s; 500Msa/s (TSO 1062, TSO 1102, TSO 1152)
Equivalent sampling rate	25Gsa/s
Memory depth	32K/CH
Rise time	<1.7ns
Input impedance	1M Ω 17pF Roll: 100ms-50s/div
Vertical sensitivity	2mv-10v/div (1-2-5 sequence)
Vertical resolution	8 bit
Trigger source	CH1, CH2, EXT, EXT/5, AC line
Trigger mode	Edge: Rising, Falling, Rising and Falling Pulse: Positive pulse width, negative pulse width Video: Support signal formats: PAL/SECAM, NTSC Slope: Positive Slope, Negative Slope Alternative: CH1: Edge, Pulse, Video, Slope / CH2: Edge, Pulse, Video, Slope
Math operation	+, -, *, FFT (window mode: Hanning, Hamming, Blackman, Rectangular) Sampling point: 1024
Digital filter	High-pass, low-pass, band-pass, band-stop
Max. input voltage	\pm 400V peak-to-peak, CAT 1
Auto set	Auto adjusting the vertical, horizontal system and trigger position
Auto measuring	Vpp, Vmax, Vmin, Vamp, Vtop, Vbase, Vavg, Mean, Crms, Vrms, ROVShoot, FOVShoot, RPREShoot, FPREShoot, Rise time, Fall time, Freq, Period, +Wid, -Wid, +Dut, -Dut, Bwid, Phase, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF
Internal memory	Support 2 sets reference waveforms, 20 sets setups, 20 sets captured waveforms storage/recall function
External memory	Support bitmap save, CSV save, waveform save, setting save USB flash driver storage
Point, vector	OFF, 1 sec., 2 sec., 5 sec., Infinite
Language	English, French, German, Russian, Spanish, Portuguese, Japanese, Korean, Italian, Arabic, Simplified Chinese, Traditional Chinese
Interface	USB Host, USB Device, RS-232, Pass/Fail output
Display	5.7 inches TFT LCD
Safety	EMC: EN61326; LVD: EN61010-1
Power source	AC100-240V, 47-440Hz, 50VA Max.
Dimension	305*133*154mm
Weight	2.3KG