

## MSD-926 Digital Storage Oscilloscope

### Overview:

MSD-926 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-926, with its intuitive logical and convenient user interface and most compatible price, is available with powerful functions and excellent performances.

### Features:

- 25MHz/40MHz/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 host, USB device, RS-232, PASS/FAIL output interfaces
- USB host interface for USB flash driver and firmware upgrade
- USB device interface for PC remote control and Pict-Bridge printing



MODEL	MSD-926
Bandwidth	100MHz
Channels	2 channels + 1 external triggering channel
Real time sampling rate	Single channel: 1Gsa/s; Dual channel: 500Msa/s
Equivalent sampling rate	50Gsa/s
Memory depth	2Mpts
Rise time	<3.5ns
Time base	2.5ns/DIV ~ 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, Pulse, Video, Slope, Alternative
Math operation	+, -, *, FFT (window mode: Hanning, Hamming, Blackman, Rectangula Sampling point: 1024)
Digital filter	High-pass, low-pass, band-pass, band-stop
Max. input voltage	400V (DC+AC peak), CAT I
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, resolution: 480x234
Safety	EMC: EN61326; LVD: EN61010-1
Power source	AC100-240V, 47-440Hz, 50VA Max.
Dimension	305*133*154mm
Weight	2.3KG