

PERFORMANCE CHARACTERISTICS

Trigger

Trigger mode	Edge: Up, Down Video: line in-phase, field in-phase
Trigger sensitivity	DC coupling: CH1 and CH2: 1div (DC~Full bandwidth) EXT: MSO5022: 100mV(DC~25M) MSO6062: 100mV(DC~20M) EXT/5: MSO5022: 500mV(DC~25M) MSO6062: 500mV(DC~20M)
Trigger level range	AC coupling: 1div(50Hz-Full bandwidth) Internal: ± 6 divisions from center screen EXT: ± 600 mV EXT/5: ± 3 V
Trigger level accuracy (typical)	Internal: ± 0.3 divisions EXT: $\pm (40$ mV + 6% setting value) EXT/5: $\pm (200$ mV + 6% setting value)
Trigger displacement	Front trigger 655 divisions, back trigger 4divisions
Setting level to 50% (typical)	When Input signal frequency ≥ 50 Hz
Trigger Sensitivity (Video trigger, typical)	Internal: 2 divisions between peaks EXT: 400mV EXT/5: 2V
Line/field frequency(Video)	Support NTSC, PAL and SECAM

Measurement system

Cursors measurement	ΔV , ΔT
Automatic measurement	PK-PK, Averaging, RMS, Frequency, Circle
Waveform math	+, -, INVERTED
Waveform storage	4 waveforms, 4 settings
Lissajou's figure	Available

Probe compensation output

Output voltage (typical)	Approx 5V, PK-PK ≥ 1 M loading
Frequency (typical)	1KHz square wave

Power supply

Voltage	100 ~ 240 VAC, 50Hz, CAT II
Power consumption	≤ 15 W
Fuse	1A, T class, 250V

specification

Size	350mmx157mmx120mm
Weight	1kg

LOGICAL ANALYZE CHRCACTERISTICS

Max sampling rate	100MHz	Trigger position setting	Pre-trigger, mid-trigger, re-trigger
Input Channel	32/16 Optional	Trigger Mode	Bus trigger, state trigger, data alignment trigger, data width trigger
Max Storage	4M/Channel	Data waveforms call-back	Support
Measurement bandwidth	33MHz	Data search	Support
Input impedance	1M $\pm 2\%$	Data System	binary system, decimal system, hex
Voltage	0~4V		
Input Signal Range	0~5V		

ACCESSORIES: 1 pair of 1:1(10:1) passive probe, USB cable (RS232 optional), Power cable
Instruction manual, Driver CD, Adjustment probe compensation pen