



Main Features

- 25MHz bandwidth, and max 1GS/s real-time sample rate
- Max 10M record length
- Friendly UI : FFT, or X-Y, and waveform 2 views displayed on the same screen
- Multi-trigger option : edge, video, slope, pulse, and alternate
- USB isolation - less signal interference, more PC protection
- USB bus powering, and LAN remote control (optional)
- Ultra-thin body design, easy portability
- SCPI supported

Specifications

Bandwidth	25MHz	
Channel	2+1 (multi)	
Sample Rate	100MS/s	
Horizontal Scale	(s/div) 5ns/div - 100s/div, step by 1 - 2 - 5	
Rise Time	≤14ns	
Record Length	5K	
Input Coupling	DC, AC, and GND	
Input Impedance	1MΩ ± 2%, in parallel with 10pF ± 5pF	
Channel Isolation	50Hz : 100 : 1 ; 10MHz : 40 : 1	
Max Input Voltage	400V (DC + AC peak)	
DC Gain Accuracy	±3%	
DC Accuracy Average	≥16 : ±(3% reading + 0.05 div) for ΔT	
Probe Attenuation Factor	1X, 10X, 100X, 1000X	
LF Respond	(AC, -3dB) ≥10Hz (at input, AC coupling, -3dB)	
Sample Rate / Relay Time Accuracy	150ps	
Interpolation	sin(x)/x	
Interval (ΔT) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm × reading + 0.6ns), Average >16 : ±(1 interval time + 100ppm × reading + 0.4ns)	
Vertical Resolution	(A/D) 8 bits (2 channels simultaneously)	
Vertical Sensitivity	2mV/div - 5V/div	
Trigger Type	Edge, Pulse, Video, Slope, and Alternate	
Trigger Mode	Auto, Normal, and Single	
Trigger Level	±5 divisions from screen center	
Acquisition Mode	Sample, Peak Detect, and Average	
Line / Field Frequency (video)	NTSC, PAL, and SECAM standard	
Cursor Measurement	ΔV, and ΔT between cursors	
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→B, Delay A→B, +Width, -Width, +Duty, -Duty	
Waveform Math	+, -, *, /, invert, FFT	
Lissajous Figure	Bandwidth	full bandwidth
	Phase Difference	±3 degrees
Communication Interface	USB2.0 (isolation)	
Multi-function Interface	Signal Type	synchronized input / output, Pass / Fail, external trigger input
	Level Standard	TTL
Power Supply	5.0V/500mA	
Power Consumption	≤2.5W	
Dimensions	(W x H x D) 170 x 120 x 18 (mm)	
Device Weight	0.26 kg	

Note: Specifications are subject to change.

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