



Main Features

- Bandwidth : 20MHz - 100MHz
- 2-Channel
- Sample rate : 100MS/s - 1GS/s
- Ultra-thin body
- 7 inch high resolution LCD
- SCPI, and LabVIEW supported

Specification	
Bandwidth	100MHz
Sample Rate	1GS/s
Horizontal Scale (s/div)	2ns/div - 100s/div, step by 1 - 2 - 5
Rise Time (at input, typical)	≤ 3.5ns
Channel	2
Display	7" color LCD, 800 x 480 pixels
Input Impedance	1M Ω \pm 2%, in parallel with 20pF \pm 5pF
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)
DC Gain Accuracy	\pm 3%
Record Length	10K
DC Accuracy (average)	Average \geq 16: \pm (3% reading + 0.05 div) for Δ V
Probe Attenuation Factor	1X, 10X, 100X, 1000X
LF Respond (AC, -3dB)	\geq 10Hz (at input, AC coupling, -3dB)
Sample Rate / Relay Time Accuracy	\pm 100ppm
Interpolation	sin (x) / x
Interval (Δ T) Accuracy (full bandwidth)	Single : \pm (1 interval time + 100ppm x reading + 0.6ns), Average $>$ 16 : \pm (1 interval time + 100ppm x reading + 0.4ns)
Input Coupling	DC, AC , and GND
Vertical Resolution	(A/D) 8 bits (2 channels simultaneously)
Vertical Sensitivity	5mV/div - 5V/div (at input)
Trigger Type	Edge, Video
Trigger Mode	Auto, Normal, and Single
Trigger Level	\pm 5 divisions from screen center
Line / Field Frequency (video)	NTSC, PAL and SECAM standard
Cursor Measurement	Δ V, and Δ T between cursors
Automatic Measurement	Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A \rightarrow B , Delay A \rightarrow B
Waveform Math	+, -, x, \div , invert, FFT
Waveform Storage	16 waveforms
Lissajous Figure	
Bandwidth	full bandwidth
Phase Difference	\pm 3 degrees
Communication Interface	USB host, USB device
Frequency Counter	available
Power Supply	100V - 240V AC, 50/60Hz, CAT II
Power Consumption	<15W
Fuse	2A, T class, 250V
Dimension	(W x H x D) 301 x 152 x 70 mm
Device Weight	1.10 kg

Note: Specifications are subject to change.

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