



Specification	
Vertical Resolution (A/D)	12 bits
Bandwidth	100 Mhz
Rise Time	≤ 3.5 ns
Horizontal Scale	2ns/div-1000s/div, step by 1 – 2 - 5
Sample rate (real time) Dual CH	500 MS/s
Waveform capture rate	75,000 wfms/s
Display	8" color LCD, TFT display , 800×600 pixels
Channel	2 + 1 (External)
Max record length	40M
Sampling rate / relay time accuracy	±1 ppm (Typical, Ta = +25°C)
Input coupling	DC, AC, Ground
Input impedance	1MΩ±2%, in parallel with 15pF±5pF
Max. input voltage	1MΩ: ≤300 Vrms; 50Ω: ≤5 Vrms (For certain models)
DC gain accuracy	2 mV 2%
Vertical sensitivity	1 mV/div - 10 V/div
Trigger type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I2C, SPI, RS232, CAN (optional)
Decoding Type (optional)	RS232, I2C, SPI, CAN
Trigger mode	Auto, Normal, Single
Line/field frequency (Video)	Support standard NTSC, PAL and SECAM
Automatic measurement	Period, Frequency, Mean, PK-PK, RMS, Max, Min, Top, Base, Amplitude, Overshoot, Preshoot, Rise Time, Fall Time, +Pulse Width, -Pulse Width, +Duty Cycle, -Duty Cycle, Delay A→B, Delay A→B, Cycle RMS, Cursor RMS, Screen Duty, Phase, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edge Count, Area, and Cycle Area.
Waveform math	+, -, *, / ,FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass, band reject)
Waveform storage	100 waveforms
Communication interface	USB host, USB device, Trig Out (Pass/Fail), LAN, VGA and AV (optional)
Printer compatibility	PictBridge
Mains Voltage	100V - 240 VACRMS, 50/60 Hz, CAT II
Power Consumption	< 15 W
Fuse	2 A, T class, 250 V
Battery (optional)	3.7V, 13200mAh
Touch screen (optional)	Multi-touch capacitive touch screen
Dimension	340 mm× 177 mm×90 mm (L*H*W)
Weight Approx.	2.6 kg (without accessories)

Note: Specifications are subject to change.

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