

**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): ≤ 3.5 ns
- Channel: 2
- Display 7": color LCD, 800 x 480 pixels
- Input Impedance: $1M\Omega \pm 2\%$, 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 ≥ 16 : $\pm(3\% \text{ reading} + 0.05 \text{ div})$ for ΔV
- Probe Attenuation Factor: 1X, 10X, 100X, 1000X
- LF Respond (AC, -3dB): ≥ 10 Hz (at input, AC coupling, -3dB)
- > Sample Rate / Relay Time Accuracy: ± 100 ppm
- Interpolation: $\sin(x) / x$
- Interval (ΔT) Accuracy (full bandwidth): Single : $\pm(1 \text{ interval time} + 100\text{ppm} \times \text{reading} + 0.6\text{ns})$, Average > 16 : $\pm(1 \text{ interval time} + 100\text{ppm} \times \text{reading} + 0.4\text{ns})$
- 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

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Trigger Level: ± 5 divisions from screen center
- Line / Field Frequency (video): NTSC, PAL and SECAM standard
- Cursor Measurement: ΔV , and ΔT between cursors
- Automatic Measurement: V_{pp} , V_{avg} , RMS, Frequency, Period, V_{max} , V_{min} , V_{top} , V_{base} , 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: ± 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

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