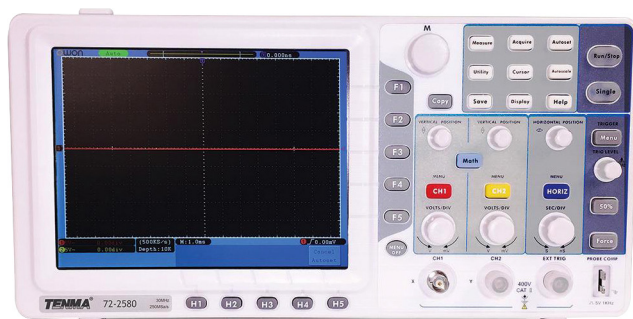


Smart Digital Storage Oscilloscope



Description

The product is a 2-channel 30MHz Oscilloscope with 8-inch colour TFT display. This economic oscilloscope provides an user friendly interface with stable readings, making it perfect for the hobbyist, educator or occasional user. The large 8-inch colour TFT display provides large and crisp readings.

Features

- External trigger
- USB input/output and LAN connection
- Slim body design is only 3" deep
- DC, AC and GND input coupling
- Edge, pulse, video, slope and alternate trigger type
- Auto, normal and single trigger mode
- Includes probes
- 100 to 240VAC at 50/60Hz Voltage
- <18W Power consumption
- $\pm 3\%$ DC gain accuracy

Performance Parameters

| | |
|--------------------------|---|
| Bandwidth | 30 MHz |
| Sample rate | 250 MS/s (optional 500 MS/s) |
| Rise time | ≤ 11 ns |
| Horizontal Scale (S/div) | 5ns/div - 100s/div, step by 1- 2- 5 |
| Display | 8" Coloured LCD, 800 × 600 pixels, 65536 colours |
| Channel | 2 + 1 (External) |
| Record Length | Max 10K |
| Input Coupling | DC, AC, Ground |
| Input Impedance | 1M Ω \pm 2%, in parallel with 10pF \pm 5pF |
| Max. Input Voltage | 400V (PK-PK) (DC + AC PK-PK) |
| DC Gain Accuracy | $\pm 3\%$ |
| Vertical Sensitivity | 5mV/div – 5V/div |
| Trigger Type | Edge, Video, Slope, Pulse, Alternate |

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Smart Digital Storage Oscilloscope



| | |
|------------------------------|---|
| Trigger Mode | Auto, Normal, Single |
| Line/field Frequency (Video) | Support standard NTSC, PAL and SECAM broadcast systems |
| Automatic Measurement | Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vavg, Vrms, Overshoot, Preshoot, Freq, Period, Rise Time, Fall Time, Delay A→B, Delay A→B, +Width, -Width, +Duty, -Duty |
| Waveform Math | +, -, ×, ÷, FFT |
| Waveform Storage | 15 waveforms |
| Communication Interface | USB 2.0, USB for file storage; LAN port |
| Power Supply | 100V AC to 240V AC, 50/60 Hz, CAT II |

Part Number Table

| Description | Part Number |
|------------------------------------|-------------|
| Smart Digital Storage Oscilloscope | 72-2580 |

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