Tektronix DPO 4104 Digital Phosphor Oscilloscope (×4)

Features & Benefits

Key Performance Specifications

- 1 GHz Bandwidth Models
- 4 Analog Channel Models
- 5 GS/s Sample Rate on All Channels
- 10 Megapoint Record Length on All Channels
- >50,000 wfm/s Maximum Waveform Capture Rate
- Suite of Advanced Triggers
- 350 ps Calculated Rise Time 5 mV/div (typical)
- 2 ms Maximum Duration at Highest Sample Rate (All channels)

Ease of Use Features

- Wave Inspector® Controls provide Easy Navigation and Automated Search of Waveform Data
- 29 Automated Measurements, Waveform Histograms, and FFT Analysis for Simplified Waveform Analysis
- TekVPI® Probe Interface supports Active, Differential, and Current Probes for Automatic Scaling and Units
- 10.4 in. (264 mm) XGA Color Display
- Small Footprint and Lightweight – Only 5.4 in. (137 mm) deep and 11 lb. (5 kg)

Connectivity

- USB 2.0 Host Port on the Front Panel and Two on the Rear Panel for Quick and Easy Data Storage, Printing, and Connecting a USB Keyboard
- USB 2.0 Device Port on Rear Panel for Easy Connection to a PC or Direct Printing to a PictBridge®-compatible Printer
- Integrated 10/100 Ethernet Port for Network Connection and Video Out Port to Export the Oscilloscope Display to a Monitor or Projector

Optional Serial Triggering and Analysis


Mixed Signal Design and Analysis (MSO Series)

- Automated Triggering, Decode, and Search on Parallel Buses
- Per-channel Threshold Settings
- Multichannel Setup and Hold Triggering
- MagniVu™ High-speed Acquisition Provides 60.6 ps Fine Timing Resolution on Digital Channels

Optional Application Support

- Power Analysis
- HDTV and Custom Video Analysis